



Automotive Modules-Half



Automotive Modules-Half



Automotive Modules-Half



Automotive Modules-Half

Nanjing SilverMicro Electronics - специализируется на разработке и производстве модулей IGBT и MOSFET для промышленного применения до 3,3 кВ. Основана в 2007 году.

Количество сотрудников компании - более 500 человек.
Производственная площадь - 30.000 кв.м.



PIM IGBT-600V



Automotive Modules-Half



SiC MOS-Single Phase



Automotive Modules-Half

ОБРАЗЦЫ СИЛОВЫХ МОДУЛЕЙ ПОД ВАШ ПРОЕКТ

Заказать образцы, запросить документацию и задать все интересующие вопросы, связанные с применением высоковольтных контакторов, **Вы можете нашим техническим специалистам и менеджерам:**

e-mail: epcos@ferrite.ru

тел.: +7 (812) 740 53 05, +7 (812) 740 53 06



Power Module Nomenclature

G T 400 HF 120 T2V H

Module Type

G=IGBT Module
D=Diode Module
M=MOSFET Module
R=Rectifier Module

Die Characteristics

K=NPT,Standard IGBT
F=NPT,Fast IGBT
L=SPT+,Low Switching Losses IGBT
U=Trench,Ultra Fast IGBT
T=Trench,Low Switching Losses IGBT
TS=Trench,Low Switching Losses IGBT
TM=Trench,Low Switching Losses IGBT
N=NPT MOSFET
M=Trench MOSFET
D=Fast Recovery Diode
S=SCR
GN=GaN MOSFET
SC=SiC MOSFET

Rated Current

For example:400=400A, 50=50A

Circuit Configuration

SD= Single Switch(IGBT+FWD)
CU= Chopper(Diode on High Side)
CL= Chopper(Diode on Lower Side)
CH=Chopper(CU+CL)
CK=Common Cathode
HF= Half Bridge
HH= H Bridge
FF= Full Bridge
FB= Seven Pack
PI = Power Integrated
IP= Integrated Power
TL= Three Level(I Type)
TAR= Three Level(FRD on Collector, Emitter)
TT= Three Level(T Type)

Test Level

E= Pass the Electrical Performance Test
H= Pass the Important Reliability Test-Industrial Grade
S= Pass the Comprehensive Reliability Test-Automotive Grade

Package Type

T1*= 94mmx34mm, Copper
T2*= 106mmx62mm, Copper
T3=140mmx130mm, Copper
T4=140mmx190mm, Copper/AlSiC
T5=108mmx47mm, Copper
T6=122mmx62mm, Copper
T7=125mmx94mm, Copper
T8=120mmx80mm, Copper/AlSiC
T9= 150mmx62mm, Copper
A1= 67mmx40mm, Al2O3 Substrate
A2= 45mmx26mm, Al2O3 Substrate
A3= 58mmx40mm, Al2O3 Substrate
A4= 110mmx80mm,Copper
A5=94mmx45mm, Copper
A6=105.9mmx59.9mm, AlSiC
A7=64mmx40mm, Al2O3 Substrate
A7B=51mmx31mm, Al2O3 Substrate
A8=130mmx102mm, Copper
A9=93 mmx 21mm, Copper
B1=90mmx60mm, Copper
B2=66mmx31mm, Al2O3 Substrate
B3=63mmx34mm, Al2O3 Substrate
B4=89mmx55mm, Copper
B5=38mmX27mm, Copper
B6=123mmX103mm, Aluminum Substrate
B7=122mmx70mm, Copper
B8=213mmx97mm, Copper/AlSiC
B9=63mmX57mm, Al2O3 Substrate
C1=60mmX32mm, Copper
C2=72mmX42mm, Copper
C3=94mmX54mm, Copper
C4=94mmX50mm, Copper
C5=108mmX62mm, Copper
C6=84mmX34mm, Al2O3 Substrate
C7=82mmX37.4mm, Al2O3 Substrate
C8=152mmX92mm, Copper/AlSiC
C8N=152mmX72mm, Copper/AlSiC
P2=92mmX50mm,Copper
P3=247mmX86mm,Copper
P4=169mmX86mm,Copper

Rated Voltage/10

For example: 60=600V, 120=1200V

T1*=T1,T1V,T1W

T2*=T2,T2V,T2N,T2L,T2Z,T2S

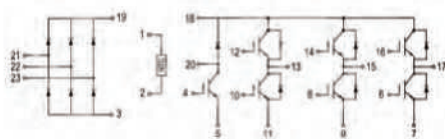


TYPE	TOPOLOGY	VOLTAGE(V)	CURRENT(A)	PACKAGE
IGBT Power Modules	Power Integrated Module (PIM IGBT)			
	PI(Full Bridge+Chopper+Rectifier)	600	10,20,30,35,50,75,100	B2,B3,B9,
		650	10,20,35,50,75,100	C6,C7,
		1200	10,15,25,35,40,50,75,100,150	T5,T6
	Full Bridge			
	FF(Full Bridge)	650	35,50,75,100,150,200,300,400	A1,A6,A8,B3,B9,
		1200	10,15,25,35,50,75,100,150,200,300	C6,C7,T5,T6
	Seven Pack			
	FB(Seven Pack)	600	10,20,35,50,75	A1,B3,C7
		1200	10,15,25,35,40,50	
	H-Bridge			
	HH(H-Bridge)	650	35,50,75,100,150,200	A1,A7B,B3,
		1200	35,40,50,75,100,150,200	C7,T2,T5,T6
	Half Bridge			
	HF(Half Bridge)	650	75,100,150,200,300,400,450,600	A4,A5,B1,P3,P4
		1200	40,50,75,100,150,200,225,300,400,450,600,1200	T1,T1V,T1W,T2V,
		1700	100,150,200,300,450,600,1000	T2N,T2L,T8,T9
	Single Switch			
	SD(IGBT+FWD)	650	200,300,400,600,800,900	A2,B5,T2Z,T3,T4
		1200	50,75,100,150,200,300,400,600,800,900,2400,3600	
		1700	100,200,300,600,900,1200,2400,3600	
	Chopper			
	CU(Chopper,Diode on High Side)	650	225,300,450,600	A5,B5,T1,
		1200	50,75,100,150,200,225,300,400,450,600	T1V,T2V,T2N,T9
		1700	100,150,200,300	
	CL(Chopper,Diode on Lower Side)	650	225,300,450,600	
		1200	50,75,100,150,200,225,300,400,450,600	
		1700	100,150,200,300	
DF(Three Groups Chopper,Diode on Lower Side)	650	200,300,400	A8	
	1200	100,150,200		
FD(Three Groups Chopper,Diode on High Side)	650	200,300,400		
	1200	100,150,200		
CH(CU+CL)	650	50,75	B2,T2,T9	
	1200	75,100,150,200,225,300,450,600		
CZ(CU+CL)	650	75,100,150,200	T5,T6	
	1200	50,75,100,150,200		

TYPE	TOPOLOGY	VOLTAGE(V)	CURRENT(A)	PACKAGE
IGBT Power Modules	Three level			
	TL(Three level,I Type)	650	50,75,100,150,200,300,400,500,600	A8,B2,B3,B9,
		1200	50,100,150,200,300	T2S,T7
	TAR(Three level,FRD on Collector, Emitter)	650	150,200,300,400	T2S
	TT(Three level,T Type)	650	50,75	B2
	MAR(Three level,Emitter Controlled HE diode)	1200	200,300	T9
MCR(Three level,Emitter Controlled HE diode)	1200	200,300		
IGBT Power Module Package Outline				
Intelligent Power Modules	Intelligent Power Modules			
	IPM	600	30,50	A7
		1200	5,10,15,20,30	
Intelligent Power Module Package Outline				
MOSFET Power Modules	Half Bridge			
	HF(Half Bridge)	100	500,700,900,1000,1200,1400	B1,T2N
		150	340,500,680,850	
		200	450,550,650	
MOSFET Power Module Package Outline				
Automotive Modules	Full Bridge			
	FF(Full Bridge)	650	200,300,400,550	A8,B3,B8,B9,
		750	200,300,400,600,800	C8,C8N
		1200	25,35,40,50,75,100,150,200,300,400,600	
	Half Bridge			
	HF(Half Bridge)	650	300,450,600	T9
		1200	225,300,450,600	
		1700	300,450,600	
	Half Bridge (SiC MOSFET)			
	HF(Half Bridge)	100	500,700,900,1000,1200,1400	B1,T2L
		150	340,500,680,850	
		200	450,550,650	
	Full Bridge (SiC MOSFET)			
	FF(Full Bridge)	1200	200,300,400,510,620,720	C8,C8N
Half Bridge (SiC MOSFET)				
HF(Half Bridge)	1200	120,160,240,300	T2L	
	1700	300		
IGBT Power Module Package Outline				

TYPE	TOPOLOGY	VOLTAGE(V)	CURRENT(A)	PACKAGE
SiC MOSFET Modules	Half Bridge			
	HF(Half Bridge)	1200	120,150,160,240,300	B9,T2N,T2L
		1700	300	
	Full Bridge			
	FF(Full Bridge)	1200	20,50	C7,T5
		1700	50	
	Single Phase Rectifier Bridge			
	FH(Single Phase Rectifier Bridge)	600	30	B3
1200		30		
Three level				
TL(Three level,I Type)	650	150,200,300,400	A8,B9	
SiC MOSFET Module Package Outline				
GaN Modules	Full Bridge			
	FF(Full Bridge)	650	300	C8B
GaN Module Package Outline				
Diode Modules	Half Bridge			
	HF(Half Bridge)	1200	100,150,200	A9,T1W
		1700	100,150	
	Single Diode			
	SD(Diode)	1200	100,150,200,300,400	A9,T1W
		1700	100,150,200,300	
	Common Cathode			
CK(Common Cathode)	1200	100,150,200	A9	
Diode Module Package Outline				
Rectifier Modules	Half Bridge Rectifier Diode Modules			
	HF(Half Bridge)	1800	70,100,120,165,190,230,300	A9,T1W
	Common Cathode Rectifier Diode Modules			
	CK(Common Cathode)	1800	70,100,120,165,200,230,300	A9,T1W
	Three Phase Rectifier Bridge			
	FF(Full Bridge)	1800	30,50,52,75,100,130,160,200,250	C1,C2,C3
	Three Phase Rectifier Bridge+Thyristor			
FFS(Full Bridge+SCR)	1800	100,150,200	C4,C5	
Rectifier Module Package Outline				
Thyristor(SCR) Modules	Half Bridge			
	HF(Half Bridge)	1800	60,90,110,130,160,320	A9,T1W,P2
Thyristor(SCR) Module Package Outline				

Power Integrated Module (PIM IGBT)

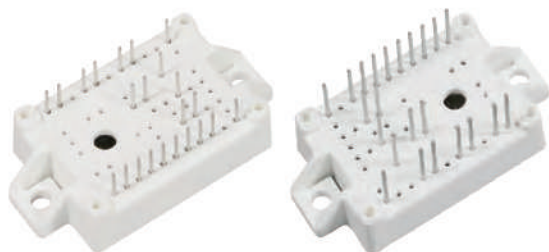
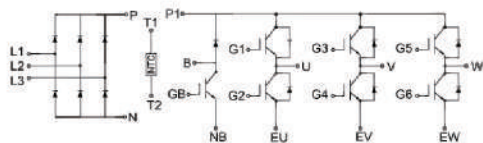
B2 **$V_{CES}=600V$**

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GK10PI60B2H	600	10	NPT	Page64 B2-PI	2-clip
GK10PI60B2FH	600	10	NPT	Page65 B2-PI(F)	4-clip
GK20PI60B2H	600	20	NPT	Page64 B2-PI	2-clip
GK20PI60B2FH	600	20	NPT	Page65 B2-PI(F)	4-clip

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10PI120B2H	1200	10	Trench FS	Page64 B2-PI	2-clip
GT10PI120B2FH	1200	10	Trench FS	Page65 B2-PI(F)	4-clip
GT15PI120B2H	1200	15	Trench FS	Page64 B2-PI	2-clip
GT15PI120B2FH	1200	15	Trench FS	Page65 B2-PI(F)	4-clip
Trench T Series					
GTS10PI120B2H	1200	10	Trench FS	Page64 B2-PI	2-clip
GTS10PI120B2FH	1200	10	Trench FS	Page65 B2-PI(F)	4-clip
GTS15PI120B2H	1200	15	Trench FS	Page64 B2-PI	2-clip
GTS15PI120B2FH	1200	15	Trench FS	Page65 B2-PI(F)	4-clip

Power Integrated Module (PIM IGBT)

B3 **$V_{CES}=600V$**

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GK10PI60B3H	600	10	NPT	Page68 B3-PI	solder pins/pressfit pins
GK20PI60B3H	600	20	NPT	Page68 B3-PI	solder pins/pressfit pins

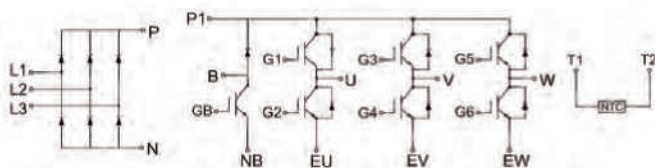
 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10PI65B3H	650	10	Trench FS	Page68 B3-PI	solder pins/pressfit pins
GT20PI65B3H	650	20	Trench FS	Page68 B3-PI	solder pins/pressfit pins
GT35PI65B3H	650	35	Trench FS	Page68 B3-PI	solder pins/pressfit pins

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10PI120B3H	1200	10	Trench FS	Page68 B3-PI	solder pins/pressfit pins
GT15PI120B3H	1200	15	Trench FS	Page68 B3-PI	solder pins/pressfit pins
Trench T Series					
GTS10PI120B3H	1200	10	Trench FS	Page68 B3-PI	solder pins/pressfit pins
GTS15PI120B3H	1200	15	Trench FS	Page68 B3-PI	solder pins/pressfit pins

Power Integrated Module (PIM IGBT)

B9


$V_{CES}=600V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GK30PI60B9H	600	30	NPT	Page70 B9-PI	solder pins/pressfit pins
GK50PI60B9H	600	50	NPT	Page70 B9-PI	solder pins/pressfit pins

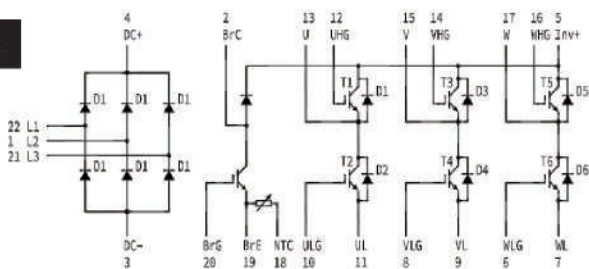
$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT35PI65B9H	650	35	Trench FS	Page70 B9-PI	solder pins/pressfit pins
GT50PI65B9H	650	50	Trench FS	Page70 B9-PI	solder pins/pressfit pins

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT15PI120B9H	1200	15	Trench FS	Page70 B9-PI	solder pins/pressfit pins
GT25PI120B9H	1200	25	Trench FS	Page70 B9-PI	solder pins/pressfit pins
GT35PI120B9H	1200	35	Trench FS	Page70 B9-PI	solder pins/pressfit pins
Trench T Series					
GTS15PI120B9H	1200	15	Trench FS	Page70 B9-PI	solder pins/pressfit pins
GTS25PI120B9H	1200	25	Trench FS	Page70 B9-PI	solder pins/pressfit pins
GTS40PI120B9H	1200	40	Trench FS	Page70 B9-PI	solder pins/pressfit pins

Power Integrated Module (PIM IGBT)

C6


$V_{CES}=600V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GK10PI60C6H	600	10	NPT	Page71 C6-PI	
GK20PI60C6H	600	20	NPT	Page71 C6-PI	
GK30PI60C6H	600	30	NPT	Page71 C6-PI	

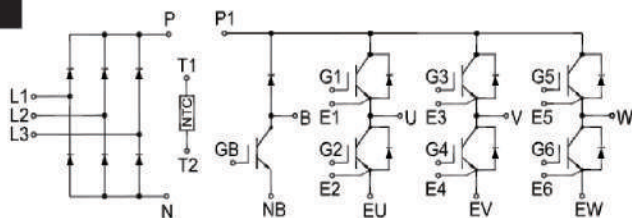
$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10PI65C6H	650	10	Trench FS	Page71 C6-PI	
GT20PI65C6H	650	20	Trench FS	Page71 C6-PI	
GT35PI65C6H	650	35	Trench FS	Page71 C6-PI	

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10PI120C6H	1200	10	Trench FS	Page71 C6-PI	
GT15PI120C6H	1200	15	Trench FS	Page71 C6-PI	
GT25PI120C6H	1200	25	Trench FS	Page71 C6-PI	
Trench T Series					
GTS10PI120C6H	1200	10	Trench FS	Page71 C6-PI	
GTS15PI120C6H	1200	15	Trench FS	Page71 C6-PI	
GTS25PI120C6H	1200	25	Trench FS	Page71 C6-PI	

Power Integrated Module (PIM IGBT模块)

C7


V_{CES}=600V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GK35PI60C7H	600	35	NPT	Page73 C7-PI	
GK50PI60C7H	600	50	NPT	Page73 C7-PI	

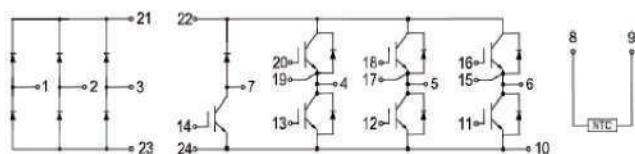
V_{CES}=650V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT35PI65C7H	650	35	Trench FS	Page73 C7-PI	
GT50PI65C7H	650	50	Trench FS	Page73 C7-PI	

V_{CES}=1200V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT15PI120C7H	1200	15	Trench FS	Page73 C7-PI	
GT25PI120C7H	1200	25	Trench FS	Page73 C7-PI	
GT40PI120C7H	1200	40	Trench FS	Page73 C7-PI	
Trench T Series					
GTS15PI120C7H	1200	15	Trench FS	Page73 C7-PI	
GTS25PI120C7H	1200	25	Trench FS	Page73 C7-PI	
GTS40PI120C7H	1200	40	Trench FS	Page73 C7-PI	

Power Integrated Module (PIM IGBT)

T5 **$V_{CES}=600V$**

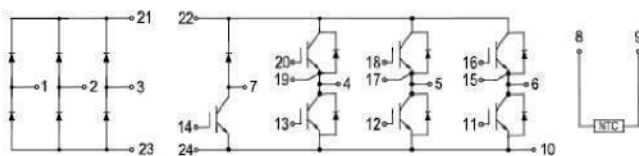
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GK10PI60T5H	600	10	NPT	Page83 T5-PI	
GK20PI60T5H	600	20	NPT	Page83 T5-PI	
GK35PI60T5H	600	35	NPT	Page83 T5-PI	
GK50PI60T5H	600	50	NPT	Page83 T5-PI	
Standard K Series					
GK10PI60T5H-T4	600	10	NPT	Page82 T5-PI-T4	
GK20PI60T5H-T4	600	20	NPT	Page82 T5-PI-T4	
GK35PI60T5H-T4	600	35	NPT	Page82 T5-PI-T4	
GK50PI60T5H-T4	600	50	NPT	Page82 T5-PI-T4	

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50PI65T5H-M	650	50	Trench FS	Page83 T5-PI	
GT75PI65T5H-M	650	75	Trench FS	Page83 T5-PI	

Power Integrated Module (PIM IGBT)

T5

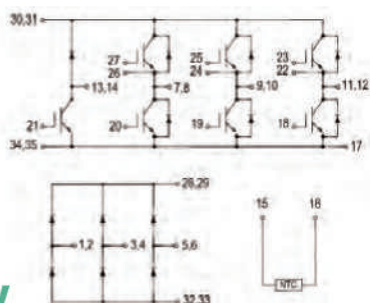


$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10PI120T5H	1200	10	Trench FS	Page83 T5-PI	
GT15PI120T5H	1200	15	Trench FS	Page83 T5-PI	
GT25PI120T5H	1200	25	Trench FS	Page83 T5-PI	
GT40PI120T5H	1200	40	Trench FS	Page83 T5-PI	
Trench T Series					
GT50PI120T5H-M	1200	50	Trench FS	Page83 T5-PI	
Trench T Series					
GTS10PI120T5H	1200	10	Trench FS	Page83 T5-PI	
GTS15PI120T5H	1200	15	Trench FS	Page83 T5-PI	
GTS25PI120T5H	1200	25	Trench FS	Page83 T5-PI	
GTS40PI120T5H	1200	40	Trench FS	Page83 T5-PI	
Trench T Series					
GT10PI120T5H-T4	1200	10	Trench FS	Page82 T5-PI-T4	
GT15PI120T5H-T4	1200	15	Trench FS	Page82 T5-PI-T4	
GT25PI120T5H-T4	1200	25	Trench FS	Page82 T5-PI-T4	
GT40PI120T5H-T4	1200	40	Trench FS	Page82 T5-PI-T4	
Trench T Series					
GT50PI120T5H-T4M	1200	50	Trench FS	Page82 T5-PI-T4	
Trench T Series					
GTS10PI120T5H-T4	1200	10	Trench FS	Page82 T5-PI-T4	
GTS15PI120T5H-T4	1200	15	Trench FS	Page82 T5-PI-T4	
GTS25PI120T5H-T4	1200	25	Trench FS	Page82 T5-PI-T4	
GTS40PI120T5H-T4	1200	40	Trench FS	Page82 T5-PI-T4	

Power Integrated Module (PIM IGBT)

T6

 $V_{CES}=600V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GK50PI60T6H	600	50	NPT	Page85 T6-PI	
GK75PI60T6H	600	75	NPT	Page85 T6-PI	
GK100PI60T6H	600	100	NPT	Page85 T6-PI	
Standard K Series					
GK50PI60T6H-T4	600	50	NPT	Page85 T6-PI-T4	
GK75PI60T6H-T4	600	75	NPT	Page85 T6-PI-T4	
GK100PI60T6H-T4	600	100	NPT	Page85 T6-PI-T4	

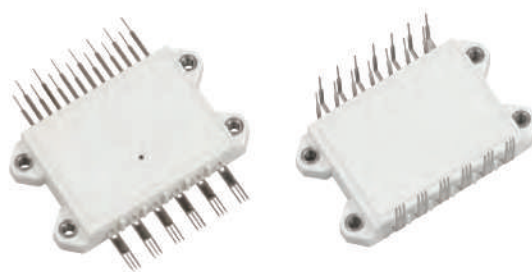
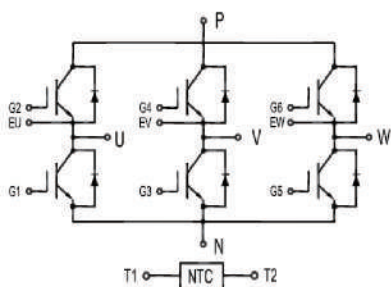
 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75PI65T6H	650	75	Trench FS	Page85 T6-PI	
GT100PI65T6H	650	100	Trench FS	Page85 T6-PI	

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50PI120T6H-M	1200	50	Trench FS	Page85 T6-PI	
GT75PI120T6H-M	1200	75	Trench FS	Page85 T6-PI	
GT100PI120T6H-M	1200	100	Trench FS	Page85 T6-PI	
Trench T Series					
GT50PI120T6H-T4M	1200	50	Trench FS	Page85 T6-PI-T4	
GT75PI120T6H-T4M	1200	75	Trench FS	Page85 T6-PI-T4	
GT100PI120T6H-T4M	1200	100	Trench FS	Page85 T6-PI-T4	
GT150PI120T6H-T4M	1200	150	Trench FS	Page85 T6-PI-T4	

Full Bridge (IGBT)

A1


$V_{CES}=650V$

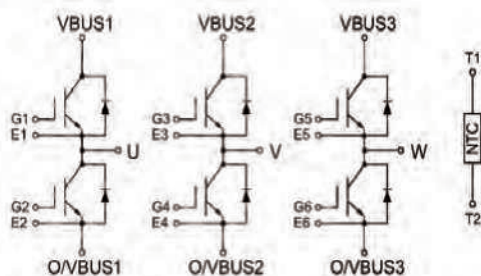
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT35FF65A1H	650	35	Trench FS	Page59 A1-FF	
GT50FF65A1H	650	50	Trench FS	Page59 A1-FF	
GT75FF65A1H	650	75	Trench FS	Page59 A1-FF	

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10FF120A1H	1200	10	Trench FS	Page59 A1-FF	
GT15FF120A1H	1200	15	Trench FS	Page59 A1-FF	
GT25FF120A1H	1200	25	Trench FS	Page59 A1-FF	
GT35FF120A1H	1200	35	Trench FS	Page59 A1-FF	
GT50FF120A1H	1200	50	Trench FS	Page59 A1-FF	
Trench T Series					
GTS10FF120A1H	1200	10	Trench FS	Page59 A1-FF	
GTS15FF120A1H	1200	15	Trench FS	Page59 A1-FF	
GTS25FF120A1H	1200	25	Trench FS	Page59 A1-FF	
GTS40FF120A1H	1200	40	Trench FS	Page59 A1-FF	

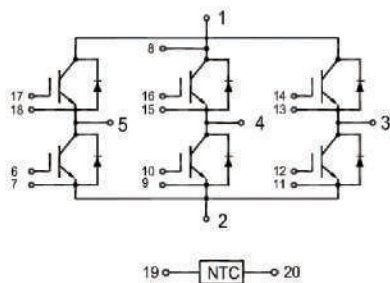
Full Bridge(IGBT)

A6

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50FF120A6H-M	1200	50	Trench FS	Page62 A6	
GT75FF120A6H-M	1200	75	Trench FS	Page62 A6	
GT100FF120A6H-M	1200	100	Trench FS	Page62 A6	

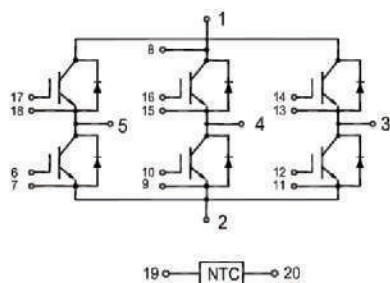
A8

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200FF65A8H	650	200	Trench FS	Page63 A8	
GT300FF65A8H	650	300	Trench FS	Page63 A8	
GT400FF65A8H	650	400	Trench FS	Page63 A8	

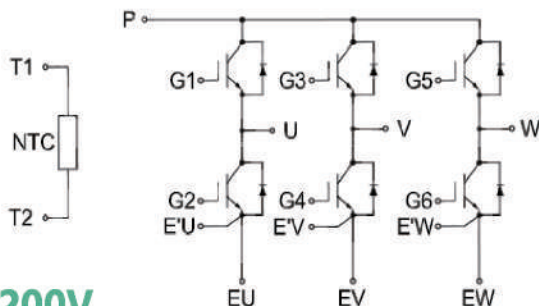
Full Bridge (IGBT)

A8

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100FF120A8H	1200	100	Trench FS	Page63 A8	
GT150FF120A8H	1200	150	Trench FS	Page63 A8	
GT200FF120A8H	1200	200	Trench FS	Page63 A8	
GT300FF120A8H	1200	300	Trench FS	Page63 A8	

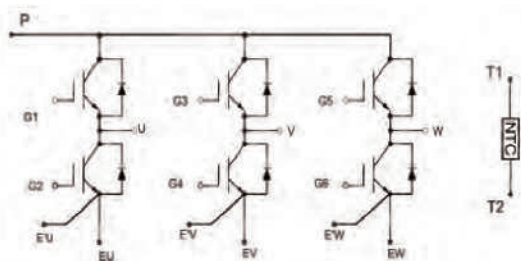
B3

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT25FF120B3H	1200	25	Trench FS	Page67 B3-FF	solder pins/pressfit pins
GT35FF120B3H	1200	35	Trench FS	Page67 B3-FF	solder pins/pressfit pins
Trench T Series					
GTS25FF120B3H	1200	25	Trench FS	Page67 B3-FF	solder pins/pressfit pins
GTS40FF120B3H	1200	40	Trench FS	Page67 B3-FF	solder pins/pressfit pins

Full Bridge (IGBT)

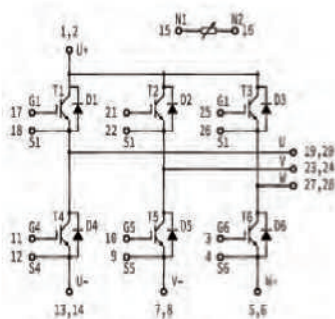
B9



V_{CES}=1200V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50FF120B9H	1200	50	Trench FS	Page69 B9-FF	solder pins/pressfit pins
GT75FF120B9H	1200	75	Trench FS	Page69 B9-FF	solder pins/pressfit pins

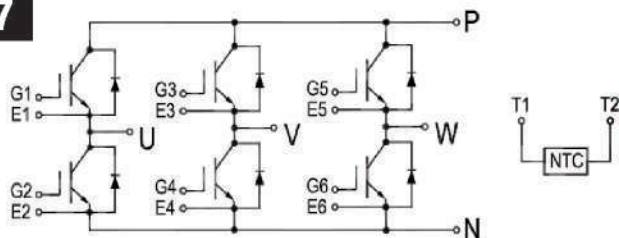
C6



V_{CES}=1200V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10FF120C6H	1200	10	Trench FS	Page71 C6-FF	
GT15FF120C6H	1200	15	Trench FS	Page71 C6-FF	
GT25FF120C6H	1200	25	Trench FS	Page71 C6-FF	
GT35FF120C6H	1200	35	Trench FS	Page71 C6-FF	
GT50FF120C6H	1200	50	Trench FS	Page71 C6-FF	
Trench T Series					
GTS10FF120C6H	1200	10	Trench FS	Page71 C6-FF	
GTS15FF120C6H	1200	15	Trench FS	Page71 C6-FF	
GTS25FF120C6H	1200	25	Trench FS	Page71 C6-FF	
GTS40FF120C6H	1200	40	Trench FS	Page71 C6-FF	

Full Bridge (IGBT)

C7


$V_{CES}=650V$

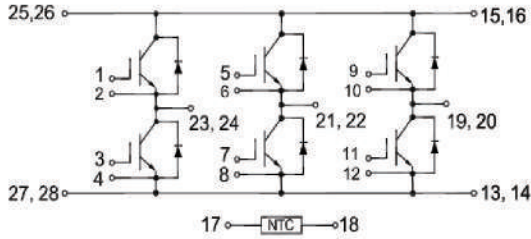
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75FF65C7H	650	75	Trench FS	Page72 C7-FF	
GT100FF65C7H	650	100	Trench FS	Page72 C7-FF	

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT40FF120C7H	1200	40	Trench FS	Page72 C7-FF	
GT50FF120C7H	1200	50	Trench FS	Page72 C7-FF	
GT75FF120C7H	1200	75	Trench FS	Page72 C7-FF	

Full Bridge (IGBT)

T5

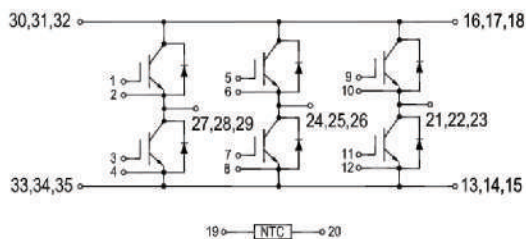
 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100FF65T5H	650	100	Trench FS	Page81 T5-FF	

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT25FF120T5H	1200	25	Trench FS	Page81 T5-FF	
GT40FF120T5H	1200	40	Trench FS	Page81 T5-FF	
GT50FF120T5H	1200	50	Trench FS	Page81 T5-FF	
GT75FF120T5H	1200	75	Trench FS	Page81 T5-FF	
Trench T Series					
GTS25FF120T5H	1200	25	Trench FS	Page81 T5-FF	
GTS40FF120T5H	1200	40	Trench FS	Page81 T5-FF	

Full Bridge (IGBT)

T6


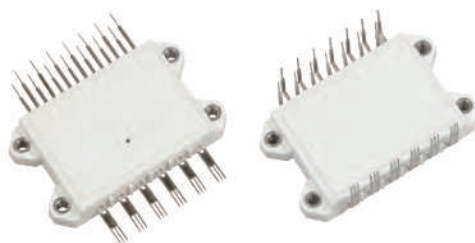
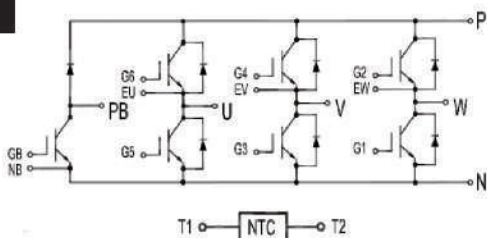
$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75FF65T6H	650	75	Trench FS	Page84 T6-FF	
GT100FF65T6H	650	100	Trench FS	Page84 T6-FF	
GT150FF65T6H	650	150	Trench FS	Page84 T6-FF	
GT200FF65T6H	650	200	Trench FS	Page84 T6-FF	

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50FF120T6H-M	1200	50	Trench FS	Page84 T6-FF	
GT75FF120T6H-M	1200	75	Trench FS	Page84 T6-FF	
GT100FF120T6H-M	1200	100	Trench FS	Page84 T6-FF	
GT150FF120T6H-M	1200	150	Trench FS	Page84 T6-FF	
GT200FF120T6H-M	1200	200	Trench FS	Page84 T6-FF	

Seven Pack (7 IGBT)

A1


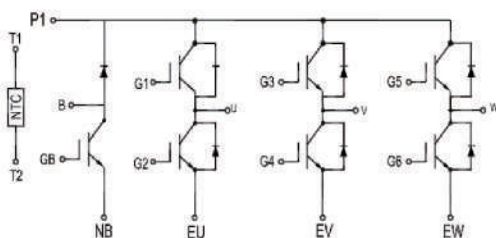
$V_{CES}=600V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GK10FB60A1H	600	10	NPT	Page59 A1-FB	
GK20FB60A1H	600	20	NPT	Page59 A1-FB	
GK35FB60A1H	600	35	NPT	Page59 A1-FB	
GK50FB60A1H	600	50	NPT	Page59 A1-FB	
Trench T Series					
GT50FB60A1H	600	50	Trench FS	Page59 A1-FB	
GT75FB60A1H	600	75	Trench FS	Page59 A1-FB	

$V_{CES}=1200V$

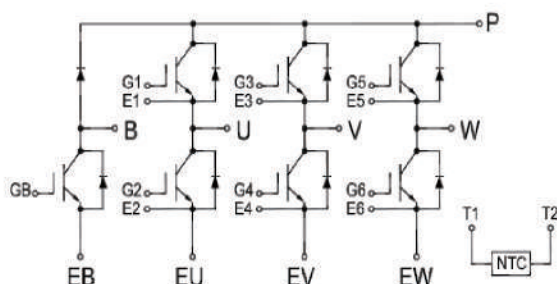
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10FB120A1H	1200	10	Trench FS	Page59 A1-FB	
GT15FB120A1H	1200	15	Trench FS	Page59 A1-FB	
GT25FB120A1H	1200	25	Trench FS	Page59 A1-FB	
GT35FB120A1H	1200	35	Trench FS	Page59 A1-FB	
Trench T Series					
GTS10FB120A1H	1200	10	Trench FS	Page59 A1-FB	
GTS15FB120A1H	1200	15	Trench FS	Page59 A1-FB	
GTS25FB120A1H	1200	25	Trench FS	Page59 A1-FB	
GTS40FB120A1H	1200	40	Trench FS	Page59 A1-FB	

Seven Pack (7IGBT)

B3


$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT10FB120B3H	1200	10	Trench FS	Page66 B3-FB	solder pins/pressfit pins
GT15FB120B3H	1200	15	Trench FS	Page66 B3-FB	solder pins/pressfit pins
Trench T Series					
GTS10FB120B3H	1200	10	Trench FS	Page66 B3-FB	solder pins/pressfit pins
GTS15FB120B3H	1200	15	Trench FS	Page66 B3-FB	solder pins/pressfit pins

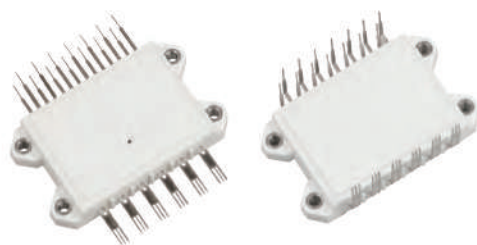
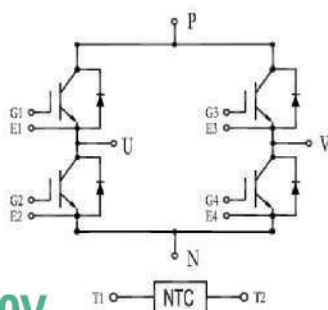
C7


$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT25FB120C7H	1200	25	Trench FS	Page72 C7-FB	
GT40FB120C7H	1200	40	Trench FS	Page72 C7-FB	
GTS0FB120C7H	1200	50	Trench FS	Page72 C7-FB	

H-Bridge (H IGBT)

A1

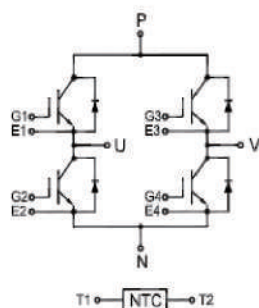
 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT35HH65A1H	650	35	Trench FS	Page60 A1-HH	
GT50HH65A1H	650	50	Trench FS	Page60 A1-HH	
GT75HH65A1H	650	75	Trench FS	Page60 A1-HH	

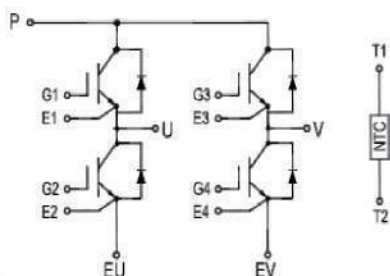
 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT35HH120A1H	1200	35	Trench FS	Page60 A1-HH	
GT50HH120A1H	1200	50	Trench FS	Page60 A1-HH	
GT75HH120A1H	1200	75	Trench FS	Page60 A1-HH	

H-Bridge (H IGBT)

A7B $V_{CES}=650V$

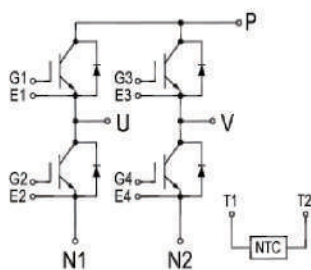
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT35HH65A7BH	650	35	Trench FS	Page62 A7B	
GT50HH65A7BH	650	50	Trench FS	Page62 A7B	

B3 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50HH65B3H	650	50	Trench FS	Page67 B3-HH	solder pins/pressfit pins
GT75HH65B3H	650	75	Trench FS	Page67 B3-HH	solder pins/pressfit pins

H-Bridge (H IGBT)

C7

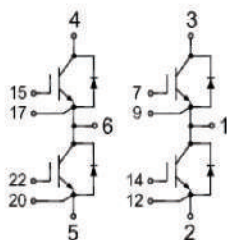
 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50HH65C7H	650	50	Trench FS	Page73 C7-HH	
GT75HH65C7H	650	75	Trench FS	Page73 C7-HH	
GT100HH65C7H	650	100	Trench FS	Page73 C7-HH	

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT40HH120C7H	1200	40	Trench FS	Page73 C7-HH	
Trench T Series					
GTM75HH120C7H	1200	75	Trench FS	Page73 C7-HH	

H-Bridge (H IGBT)

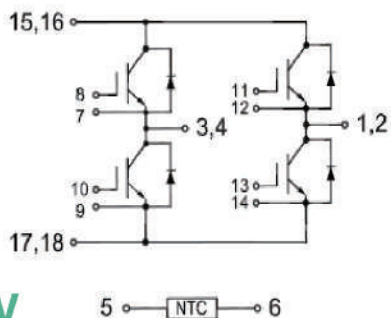
T2

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100HH65T2H	650	100	Trench FS	Page77 T2	
GT150HH65T2H	650	150	Trench FS	Page77 T2	
GT200HH65T2H	650	200	Trench FS	Page77 T2	

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50HH120T2H	1200	50	Trench FS	Page77 T2	
GT75HH120T2H	1200	75	Trench FS	Page77 T2	
GT100HH120T2H	1200	100	Trench FS	Page77 T2	
GT150HH120T2H	1200	150	Trench FS	Page77 T2	

H-Bridge (H IGBT)

T5

 $V_{CES}=650V$

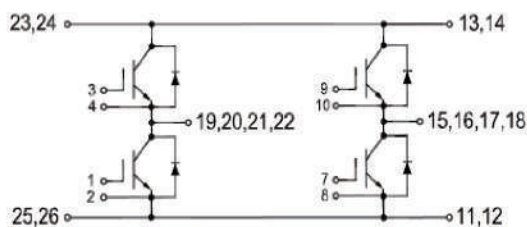
5 — NTC — 6

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50HH65T5H	650	50	Trench FS	Page82 T5-HH	
GT75HH65T5H	650	75	Trench FS	Page82 T5-HH	
GT100HH65T5H	650	100	Trench FS	Page82 T5-HH	

 $V_{CES}=1200V$

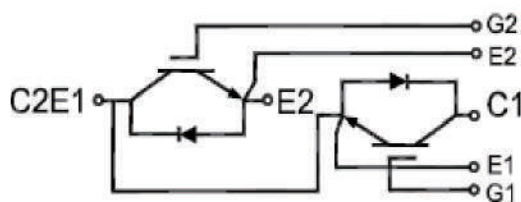
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50HH120T5H	1200	50	Trench FS	Page82 T5-HH	
GT75HH120T5H	1200	75	Trench FS	Page82 T5-HH	
GT100HH120T5H	1200	100	Trench FS	Page82 T5-HH	

H-Bridge (H IGBT)

T6

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT150HH120T6H	1200	150	Trench FS	Page84 T6-HH	
GT200HH120T6H	1200	200	Trench FS	Page84 T6-HH	

Half Bridge (IGBT)

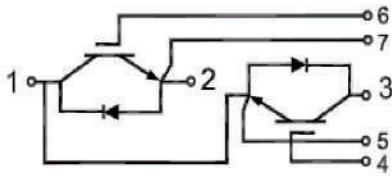
A4

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT600HF65A4H	650	600	Trench FS	Page61 A4	

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT600HF120A4H	1200	600	Trench FS	Page61 A4	
Trench T Series					
GTS600HF120A4H	1200	600	Trench FS	Page61 A4	

Half Bridge (IGBT)

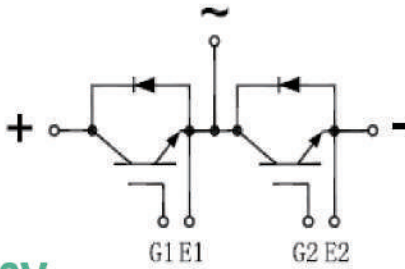
A5

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GTR200HF65A5H	650	200	Trench FS	Page61 A5	
GTR300HF65A5H	650	300	Trench FS	Page61 A5	
GTR400HF65A5H	650	400	Trench FS	Page61 A5	

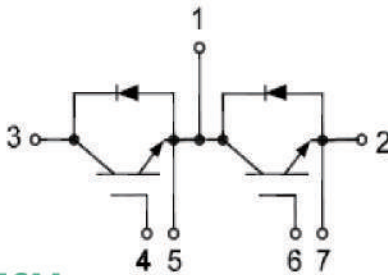
 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100HF120A5H-M	1200	100	Trench FS	Page61 A5	
GT150HF120A5H-M	1200	150	Trench FS	Page61 A5	
GT200HF120A5H-M	1200	200	Trench FS	Page61 A5	
GT300HF120A5H	1200	300	Trench FS	Page61 A5	
Fast F Series					
GF100HF120A5H	1200	100	NPT	Page61 A5	
GF150HF120A5H	1200	150	NPT	Page61 A5	
GF200HF120A5H	1200	200	NPT	Page61 A5	

Half Bridge (IGBT)

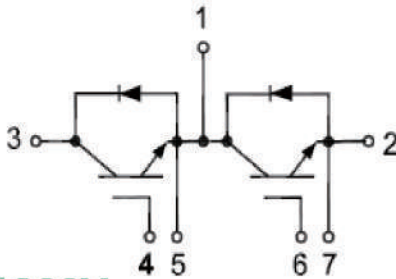
B1

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT300HF65B1H	650	300	Trench FS	Page63 B1	
GT450HF65B1H	650	450	Trench FS	Page63 B1	
GT600HF65B1H	650	600	Trench FS	Page63 B1	

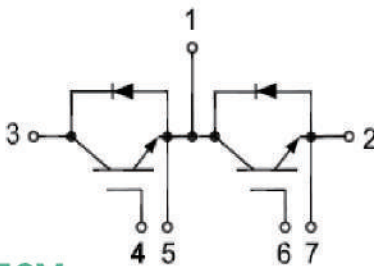
T1

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75HF65T1H	650	75	Trench FS	Page75 T1	
GT100HF65T1H	650	100	Trench FS	Page75 T1	
GT150HF65T1H	650	150	Trench FS	Page75 T1	
GT200HF65T1H	650	200	Trench FS	Page75 T1	

Half Bridge (IGBT)

T1

 $V_{CES}=1200V$

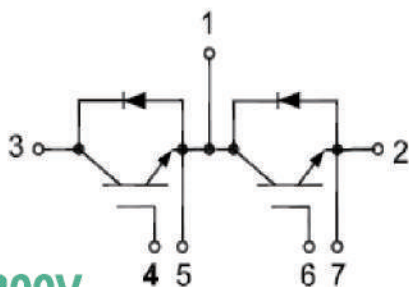
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Fast F Series					
GF40HF120T1H	1200	40	NPT	Page75 T1	
GF50HF120T1H	1200	50	NPT	Page75 T1	
GF75HF120T1H	1200	75	NPT	Page75 T1	
GF100HF120T1H	1200	100	NPT	Page75 T1	
Trench T Series					
GT50HF120T1H-M	1200	50	Trench FS	Page75 T1	
GT75HF120T1H-M	1200	75	Trench FS	Page75 T1	
GT100HF120T1H-M	1200	100	Trench FS	Page75 T1	
GT150HF120T1H-M	1200	150	Trench FS	Page75 T1	

T1V

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75HF65T1VH	650	75	Trench FS	Page75 T1V	
GT100HF65T1VH	650	100	Trench FS	Page75 T1V	
GT150HF65T1VH	650	150	Trench FS	Page75 T1V	
GT200HF65T1VH	650	200	Trench FS	Page75 T1V	

Half Bridge (IGBT)

T1V



$V_{CES}=1200V$

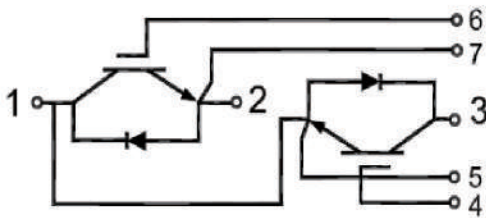
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Fast F Series					
GF40HF120T1VH	1200	40	NPT	Page75 T1V	
GF50HF120T1VH	1200	50	NPT	Page75 T1V	
GF75HF120T1VH	1200	75	NPT	Page75 T1V	
GF100HF120T1VH	1200	100	NPT	Page75 T1V	
Trench T Series					
GT50HF120T1VH-M	1200	50	Trench FS	Page75 T1V	
GT75HF120T1VH-M	1200	75	Trench FS	Page75 T1V	
GT100HF120T1VH-M	1200	100	Trench FS	Page75 T1V	
GT150HF120T1VH-M	1200	150	Trench FS	Page75 T1V	

$V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100HF170T1VH	1700	100	Trench FS	Page75 T1V	

Half Bridge (IGBT)

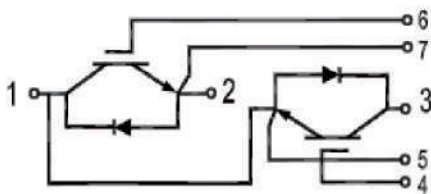
T1W



$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GTS200HF120T1WH	1200	200	Trench FS	Page76 T1W	

T2V

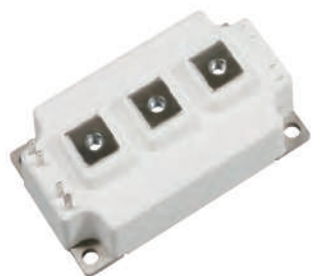
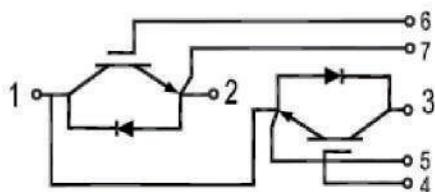


$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200HF65T2VH-M	650	200	Trench FS	Page79 T2V	
GT300HF65T2VH-M	650	300	Trench FS	Page79 T2V	
GT400HF65T2VH-M	650	400	Trench FS	Page79 T2V	

Half Bridge (IGBT)

T2V



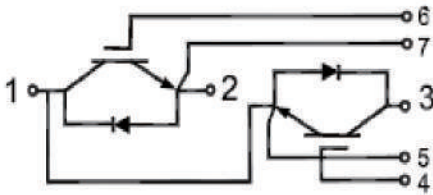
$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Fast F Series					
GF100HF120T2VHE	1200	100	NPT	Page79 T2V	full current FWD
GF150HF120T2VHE	1200	150	NPT	Page79 T2V	full current FWD
GF200HF120T2VHE	1200	200	NPT	Page79 T2V	full current FWD
GF300HF120T2VHE	1200	300	NPT	Page79 T2V	full current FWD
Trench T Series					
GT100HF120T2VH-M	1200	100	Trench FS	Page79 T2V	
GT150HF120T2VH-M	1200	150	Trench FS	Page79 T2V	
GT200HF120T2VH-M	1200	200	Trench FS	Page79 T2V	
GT300HF120T2VH-M	1200	300	Trench FS	Page79 T2V	
GT400HF120T2VH-M	1200	400	Trench FS	Page79 T2V	

$V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT150HF170T2VH	1700	150	Trench FS	Page79 T2V	
GT200HF170T2VH	1700	200	Trench FS	Page79 T2V	
GT300HF170T2VH	1700	300	Trench FS	Page79 T2V	

Half Bridge (IGBT)

T2N


$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT450HF65T2NH-M	650	450	Trench FS	Page78 T2N	
GT600HF65T2NH-M	650	600	Trench FS	Page78 T2N	

$V_{CES}=1200V$

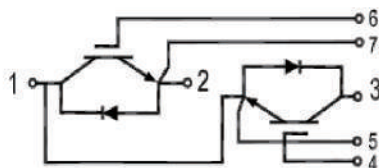
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Fast F Series					
GF300HF120T2NHE	1200	300	NPT	Page78 T2N	full current FWD
Trench T Series					
GT450HF120T2NH-M	1200	450	Trench FS	Page78 T2N	

$V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200HF170T2NH	1700	200	Trench FS	Page78 T2N	
GT300HF170T2NH	1700	300	Trench FS	Page78 T2N	

Half Bridge (IGBT)

T2L



$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GTR450HF65T2LH	650	450	Trench FS	Page77 T2L	
GTR600HF65T2LH	650	600	Trench FS	Page77 T2L	

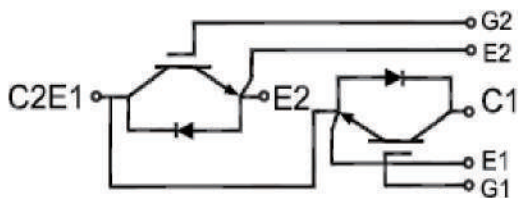
$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Fast F Series					
GF300HF120T2LH	1200	300	NPT	Page77 T2L	full current FWD
Trench T Series					
GT450HF120T2LH	1200	450	Trench FS	Page77 T2L	

$V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200HF170T2LH	1700	200	Trench FS	Page77 T2L	
GT300HF170T2LH	1700	300	Trench FS	Page77 T2L	

Half Bridge (IGBT)

T8


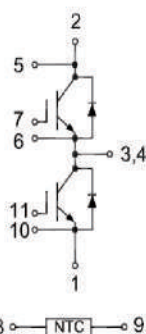
$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT600HF65T8H	650	600	Trench FS	Page86 T8	

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT600HF120T8H	1200	600	Trench FS	Page86 T8	
Trench T Series					
GTS600HF120T8H	1200	600	Trench FS	Page86 T8	

Half Bridge (IGBT)

T9

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT300HF65T9H	650	300	Trench FS	Page87 T9	
GT450HF65T9H	650	450	Trench FS	Page87 T9	
GT600HF65T9H	650	600	Trench FS	Page87 T9	

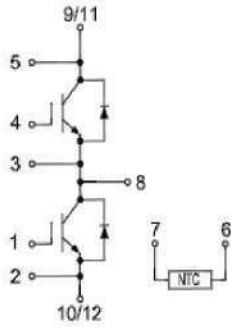
 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT225HF120T9H-M	1200	225	Trench FS	Page87 T9	
GT300HF120T9H-M	1200	300	Trench FS	Page87 T9	
GT450HF120T9H-M	1200	450	Trench FS	Page87 T9	
GT600HF120T9H-M	1200	600	Trench FS	Page87 T9	

 $V_{CES}=1700V$

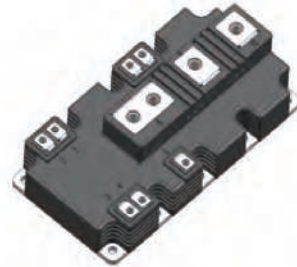
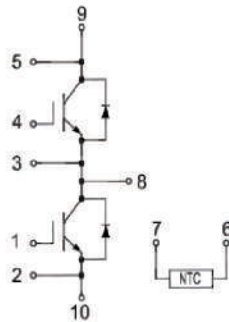
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT300HF170T9H	1700	300	Trench FS	Page87 T9	
GT450HF170T9H	1700	450	Trench FS	Page87 T9	
GT600HF170T9H	1700	600	Trench FS	Page87 T9	

Half Bridge (IGBT)

P3 **$V_{CES}=1700V$**

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT1000HF170P3H	1700	1000	Trench FS	Page74 P3	

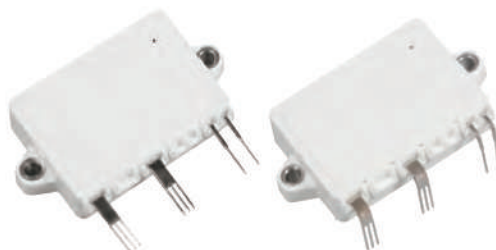
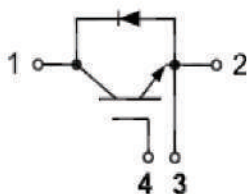
Half Bridge (IGBT)

P4 **$V_{CES}=1200V$**

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT1200HF120P4H	1200	1200	Trench FS	Page74 P4	

Single (IGBT)

A2

 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT400SD65A2H	650	400	Trench FS	Page60 A2-SD	

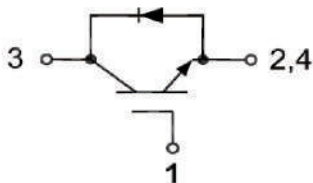
 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75SD120A2H	1200	75	Trench FS	Page60 A2-SD	
GT100SD120A2H	1200	100	Trench FS	Page60 A2-SD	
GT150SD120A2H	1200	150	Trench FS	Page60 A2-SD	
Standard K Series					
GK100SD120A2H	1200	100	NPT	Page60 A2-SD	

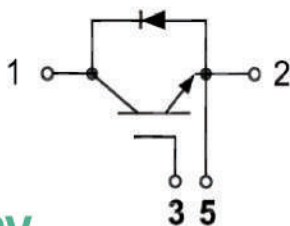
 $V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100SD170A2H	1700	100	Trench FS	Page60 A2-SD	
GT200SD170A2H	1700	200	Trench FS	Page60 A2-SD	

Single (IGBT)

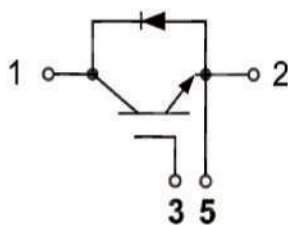
B5 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50SD120B5H	1200	50	Trench FS	Page69 B5	
GT75SD120B5H	1200	75	Trench FS	Page69 B5	
GT100SD120B5H	1200	100	Trench FS	Page69 B5	

T2Z $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200SD65T2ZH-M	650	200	Trench FS	Page79 T2Z	
GT300SD65T2ZH-M	650	300	Trench FS	Page79 T2Z	
GT400SD65T2ZH-M	650	400	Trench FS	Page79 T2Z	
GT600SD65T2ZH-M	650	600	Trench FS	Page79 T2Z	
GT800SD65T2ZH-M	650	800	Trench FS	Page79 T2Z	
GT900SD65T2ZH-M	650	900	Trench FS	Page79 T2Z	

Single (IGBT)

T2Z **$V_{CES}=1200V$**

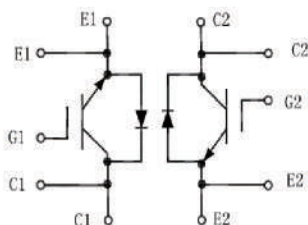
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200SD120T2ZH-M	1200	200	Trench FS	Page79 T2Z	
GT300SD120T2ZH-M	1200	300	Trench FS	Page79 T2Z	
GT400SD120T2ZH-M	1200	400	Trench FS	Page79 T2Z	
GT600SD120T2ZH-M	1200	600	Trench FS	Page79 T2Z	
GT800SD120T2ZH-M	1200	800	Trench FS	Page79 T2Z	
GT900SD120T2ZH-M	1200	900	Trench FS	Page79 T2Z	
Fast F Series					
GF200SD120T2ZH	1200	200	NPT	Page79 T2Z	
GF300SD120T2ZH	1200	300	NPT	Page79 T2Z	
GF400SD120T2ZH	1200	400	NPT	Page79 T2Z	
GF600SD120T2ZH	1200	600	NPT	Page79 T2Z	

 $V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT300SD170T2ZH	1700	300	Trench	Page79 T2Z	

Single (IGBT)

T3

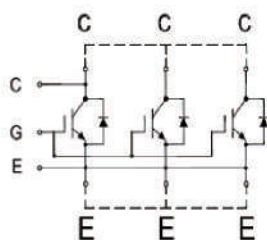
 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT900DSD120T3H	1200	900	Trench FS	Page80 T3	
GT1200DSD120T3H	1200	1200	Trench FS	Page80 T3	

 $V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT600DSD170T3H	1700	600	Trench FS	Page80 T3	
GT900DSD170T3H	1700	900	Trench FS	Page80 T3	
GT1200DSD170T3H	1700	1200	Trench FS	Page80 T3	

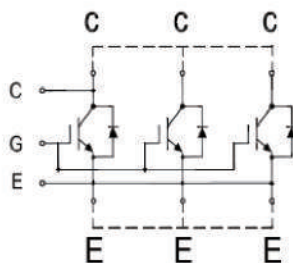
T4

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT2400SD120T4H	1200	2400	Trench FS	Page80 T4	
GT3600SD120T4H	1200	3600	Trench FS	Page80 T4	

Single (IGBT)

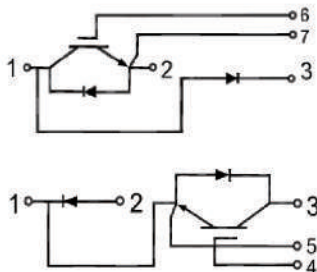
T4

 $V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT2400SD170T4H	1700	2400	Trench	Page80 T4	
GT3600SD170T4H	1700	3600	Trench	Page80 T4	

Chopper (IGBT)

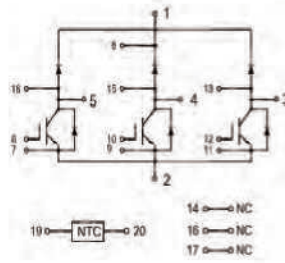
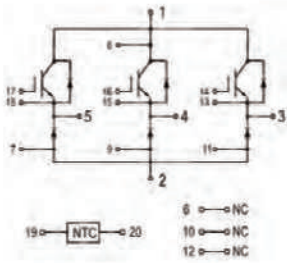
A5

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100CU120A5H-M	1200	100	Trench FS	Page61 A5	
GT150CU120A5H-M	1200	150	Trench FS	Page61 A5	
GT200CU120A5H-M	1200	200	Trench FS	Page61 A5	
GT300CU120A5H-M	1200	300	Trench FS	Page61 A5	
Trench T Series					
GT100CL120A5H-M	1200	100	Trench FS	Page61 A5	
GT150CL120A5H-M	1200	150	Trench FS	Page61 A5	
GT200CL120A5H-M	1200	200	Trench FS	Page61 A5	
GT300CL120A5H-M	1200	300	Trench FS	Page61 A5	

Chopper (IGBT)

A8



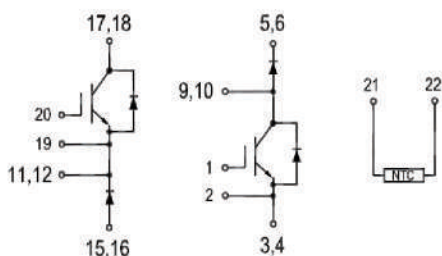
V_{CES}=650V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200DF65A8H	650	200	Trench FS	Page63 A8	
GT300DF65A8H	650	300	Trench FS	Page63 A8	
GT400DF65A8H	650	400	Trench FS	Page63 A8	
Trench T Series					
GT200FD65A8H	650	200	Trench FS	Page63 A8	
GT300FD65A8H	650	300	Trench FS	Page63 A8	
GT400FD65A8H	650	400	Trench FS	Page63 A8	

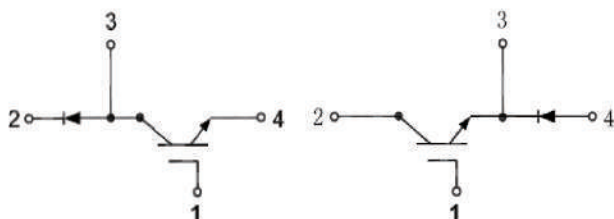
V_{CES}=1200V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100DF120A8H	1200	100	Trench FS	Page63 A8	
GT150DF120A8H	1200	150	Trench FS	Page63 A8	
GT200DF120A8H	1200	200	Trench FS	Page63 A8	
Trench T Series					
GT100FD120A8H	1200	100	Trench FS	Page63 A8	
GT150FD120A8H	1200	150	Trench FS	Page63 A8	
GT200FD120A8H	1200	200	Trench FS	Page63 A8	

Chopper (IGBT)

B2 $V_{CES}=650V$

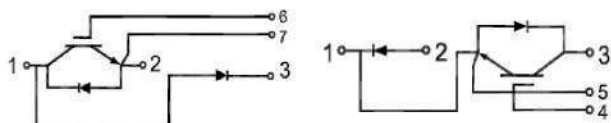
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50CH65B2H	650	50	Trench FS	Page64 B2-CH	2-clip
GT75CH65B2H	650	75	Trench FS	Page64 B2-CH	2-clip

B5 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50CU120B5H	1200	50	Trench FS	Page69 B5	
GT75CU120B5H	1200	75	Trench FS	Page69 B5	
GT100CU120B5H	1200	100	Trench FS	Page69 B5	
Trench T Series					
GT50CL120B5H	1200	50	Trench FS	Page69 B5	
GT75CL120B5H	1200	75	Trench FS	Page69 B5	
GT100CL120B5H	1200	100	Trench FS	Page69 B5	

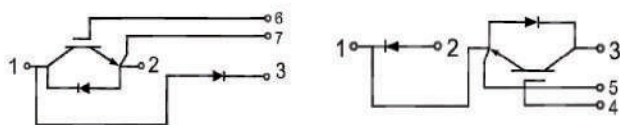
Chopper (IGBT)

T1

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50CU120T1H-M	1200	50	Trench FS	Page75 T1	
GT75CU120T1H-M	1200	75	Trench FS	Page75 T1	
GT100CU120T1H-M	1200	100	Trench FS	Page75 T1	
GT150CU120T1H-M	1200	150	Trench FS	Page75 T1	
Trench T Series					
GT50CL120T1H-M	1200	50	Trench FS	Page75 T1	
GT75CL120T1H-M	1200	75	Trench FS	Page75 T1	
GT100CL120T1H-M	1200	100	Trench FS	Page75 T1	
GT150CL120T1H-M	1200	150	Trench FS	Page75 T1	

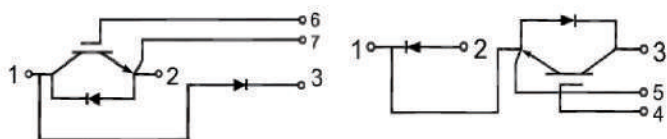
T1V

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50CU120T1VH-M	1200	50	Trench FS	Page75 T1V	
GT75CU120T1VH-M	1200	75	Trench FS	Page75 T1V	
GT100CU120T1VH-M	1200	100	Trench FS	Page75 T1V	
GT150CU120T1VH-M	1200	150	Trench FS	Page75 T1V	
Trench T Series					
GT50CL120T1VH-M	1200	50	Trench FS	Page75 T1V	
GT75CL120T1VH-M	1200	75	Trench FS	Page75 T1V	
GT100CL120T1VH-M	1200	100	Trench FS	Page75 T1V	
GT150CL120T1VH-M	1200	150	Trench FS	Page75 T1V	

Chopper (IGBT)

T2V



$V_{CES} = 1200V$

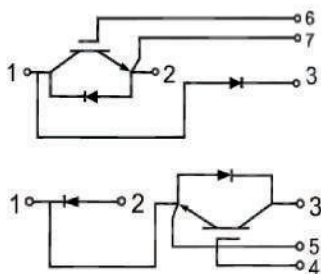
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100CU120T2VH-M	1200	100	Trench FS	Page91 T2V	
GT150CU120T2VH-M	1200	150	Trench FS	Page91 T2V	
GT200CU120T2VH-M	1200	200	Trench FS	Page91 T2V	
GT300CU120T2VH-M	1200	300	Trench FS	Page91 T2V	
GT400CU120T2VH-M	1200	400	Trench FS	Page91 T2V	
Trench T Series					
GT100CL120T2VH-M	1200	100	Trench FS	Page91 T2V	
GT150CL120T2VH-M	1200	150	Trench FS	Page91 T2V	
GT200CL120T2VH-M	1200	200	Trench FS	Page91 T2V	
GT300CL120T2VH-M	1200	300	Trench FS	Page91 T2V	
GT400CL120T2VH-M	1200	400	Trench FS	Page91 T2V	

$V_{CES} = 1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100CU170T2VH	1700	100	Trench FS	Page79 T2V	
GT150CU170T2VH	1700	150	Trench FS	Page79 T2V	
GT200CU170T2VH	1700	200	Trench FS	Page79 T2V	
GT300CU170T2VH	1700	300	Trench FS	Page79 T2V	
Trench T Series					
GT100CL170T2VH	1700	100	Trench FS	Page79 T2V	
GT150CL170T2VH	1700	150	Trench FS	Page79 T2V	
GT200CL170T2VH	1700	200	Trench FS	Page79 T2V	
GT300CL170T2VH	1700	300	Trench FS	Page79 T2V	

Chopper (IGBT)

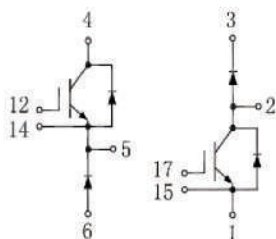
T2N



V_{CES} = 1200V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT450CU120T2NH-M	1200	450	Trench FS	Page78 T2N	
Trench T Series					
GT450CL120T2NH-M	1200	450	Trench FS	Page78 T2N	

T2

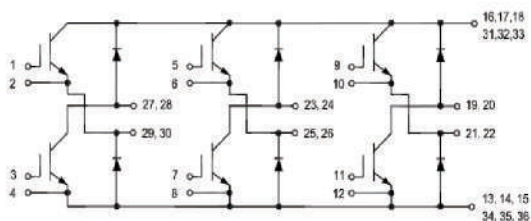


V_{CES} = 1200V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75CH120T2H	1200	75	Trench FS	Page76 T2	
GT100CH120T2H	1200	100	Trench FS	Page76 T2	
GT150CH120T2H	1200	150	Trench FS	Page76 T2	
GT200CH120T2H	1200	200	Trench FS	Page76 T2	

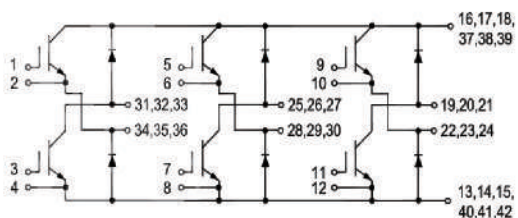
Chopper (IGBT)

T5

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50CZ120T5H	1200	50	Trench FS	Page81 T5-CZ	
GT75CZ120T5H	1200	75	Trench FS	Page81 T5-CZ	

T6

 $V_{CES}=650V$

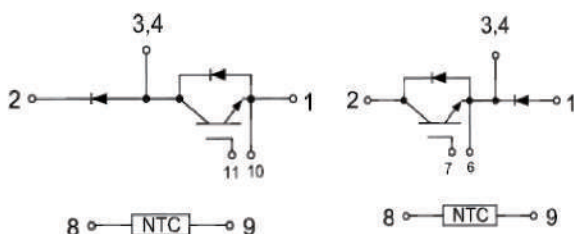
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75CZ65T6H	650	75	Trench FS	Page83 T6-CZ	
GT100CZ65T6H	650	100	Trench FS	Page83 T6-CZ	
GT150CZ65T6H	650	150	Trench FS	Page83 T6-CZ	
GT200CZ65T6H	650	200	Trench FS	Page83 T6-CZ	

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50CZ120T6H-M	1200	50	Trench FS	Page83 T6-CZ	
GT75CZ120T6H-M	1200	75	Trench FS	Page83 T6-CZ	
GT100CZ120T6H-M	1200	100	Trench FS	Page83 T6-CZ	
GT150CZ120T6H-M	1200	150	Trench FS	Page83 T6-CZ	
GT200CZ120T6H-M	1200	200	Trench FS	Page83 T6-CZ	

Chopper (IGBT)

T9

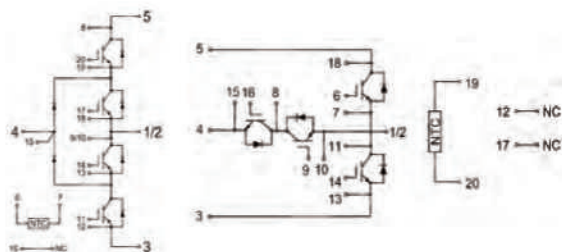
 $V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT225CU65T9H-M	650	225	Trench FS	Page87 T9	
GT300CU65T9H-M	650	300	Trench FS	Page87 T9	
GT450CU65T9H-M	650	450	Trench FS	Page87 T9	
GT600CU65T9H-M	650	600	Trench FS	Page87 T9	
Trench T Series					
GT225CL65T9H-M	650	225	Trench FS	Page87 T9	
GT300CL65T9H-M	650	300	Trench FS	Page87 T9	
GT450CL65T9H-M	650	450	Trench FS	Page87 T9	
GT600CL65T9H-M	650	600	Trench FS	Page87 T9	

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT225CU120T9H-M	1200	225	Trench FS	Page87 T9	
GT300CU120T9H-M	1200	300	Trench FS	Page87 T9	
GT450CU120T9H-M	1200	450	Trench FS	Page87 T9	
GT600CU120T9H-M	1200	600	Trench FS	Page87 T9	
Trench T Series					
GT225CL120T9H-M	1200	225	Trench FS	Page87 T9	
GT300CL120T9H-M	1200	300	Trench FS	Page87 T9	
GT450CL120T9H-M	1200	450	Trench FS	Page87 T9	
GT600CL120T9H-M	1200	600	Trench FS	Page87 T9	
Trench T Series					
GT225CH120T9-M	1200	225	Trench FS	Page87 T9	
GT300CH120T9-M	1200	300	Trench FS	Page87 T9	
GT450CH120T9-M	1200	450	Trench FS	Page87 T9	
GT600CH120T9-M	1200	600	Trench FS	Page87 T9	

Three level (IGBT)

A8


$V_{CES}=650V$

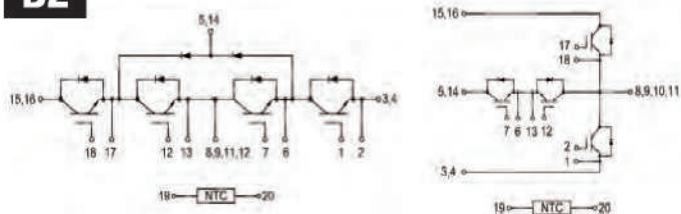
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT150TL65A8H	650	150	Trench FS	Page63 A8	
GT200TL65A8H	650	200	Trench FS	Page63 A8	
GT300TL65A8H	650	300	Trench FS	Page63 A8	
GT400TL65A8H	650	400	Trench FS	Page63 A8	
GT500TL65A8H	650	500	Trench FS	Page63 A8	
Trench T Series					
GT150TT65A8H	650	150	Trench FS	Page63 A8	
GT200TT65A8H	650	200	Trench FS	Page63 A8	
GT300TT65A8H	650	300	Trench FS	Page63 A8	
GT400TT65A8H	650	400	Trench FS	Page63 A8	
GT500TT65A8H	650	500	Trench FS	Page63 A8	

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT150TL120A8H	1200	150	Trench FS	Page63 A8	
GT200TL120A8H	1200	200	Trench FS	Page63 A8	
GT300TL120A8H	1200	300	Trench FS	Page63 A8	
Trench T Series					
GT150TT120A8H	1200	150	Trench FS	Page63 A8	
GT200TT120A8H	1200	200	Trench FS	Page63 A8	
GT300TT120A8H	1200	300	Trench FS	Page63 A8	

Three level (IGBT)

B2



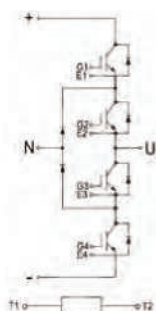
$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50TL65B2H	650	50	Trench FS	Page65 B2-TL	2-clip
GT75TL65B2H	650	75	Trench FS	Page65 B2-TL	2-clip

$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50TT65B2H	650	50	Trench FS	Page66 B2-TT	2-clip
GT75TT65B2H	650	75	Trench FS	Page66 B2-TT	2-clip

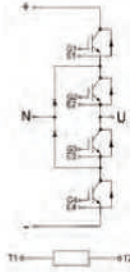
B3



$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT50TL65B3H	650	50	Trench FS	Page68 B3-TL	solder pins/presfit pins
GT75TL65B3H	650	75	Trench FS	Page68 B3-TL	solder pins/presfit pins

Three level (IGBT)

B9


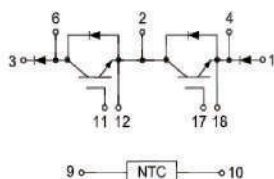
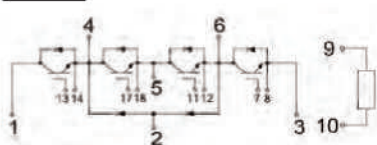
$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GTM100TL65B9H	650	100	Trench FS	Page70 B9-TL	solder pins/presfit pins
GTM150TL65B9H	650	150	Trench FS	Page70 B9-TL	solder pins/presfit pins

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT75TL120B9H	1200	75	Trench FS	Page70 B9-TL	solder pins/presfit pins
GT100TL120B9H	1200	100	Trench FS	Page70 B9-TL	solder pins/presfit pins

Three level (IGBT)

T2S


$V_{CES}=650V$

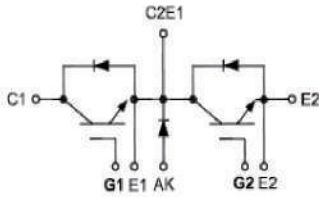
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GTR150TL65T2SH	650	150	Trench FS	Page78 T2S	
GTR200TL65T2SH	650	200	Trench FS	Page78 T2S	
GTR300TL65T2SH	650	300	Trench FS	Page78 T2S	
Trench T Series					
GTR150TAR65T2SH	650	150	Trench FS	Page78 T2S	
GTR200TAR65T2SH	650	200	Trench FS	Page78 T2S	
GTR300TAR65T2SH	650	300	Trench FS	Page78 T2S	
GTR400TAR65T2SH	650	400	Trench FS	Page78 T2S	

$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100TL120T2SH	1200	100	Trench FS	Page78 T2S	
GT150TL120T2SH	1200	150	Trench FS	Page78 T2S	
GT200TL120T2SH	1200	200	Trench FS	Page78 T2S	

Three level (IGBT)

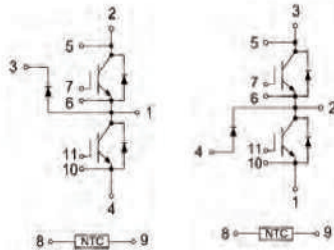
T7



$V_{CES}=650V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT600TL65T7H-N	650	600	Trench FS	Page86 T7	
Trench T Series					
GT600TL65T7H-P	650	600	Trench FS	Page86 T7	

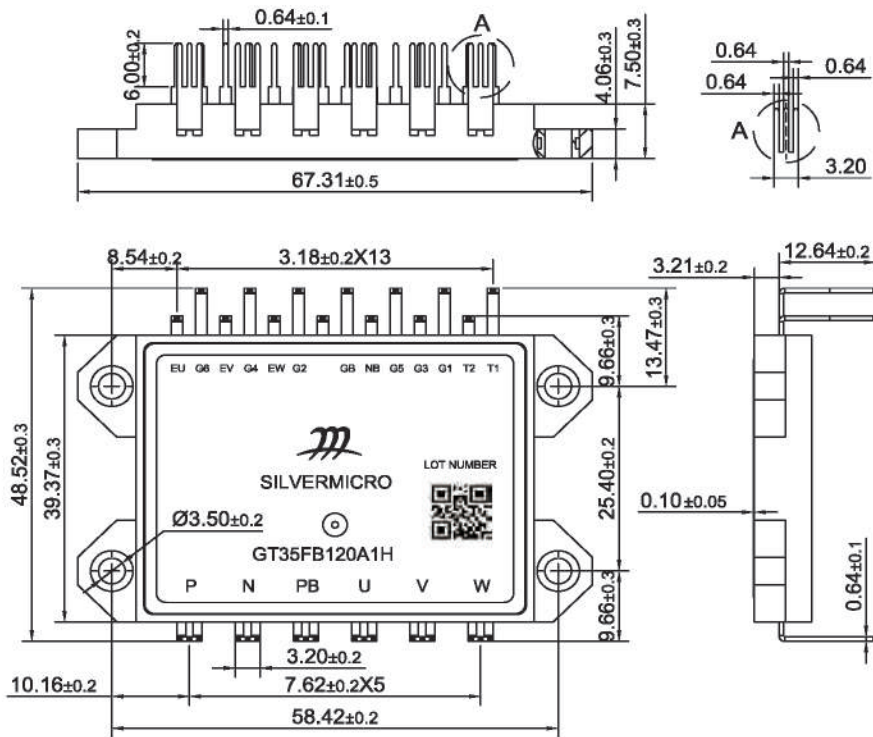
T9



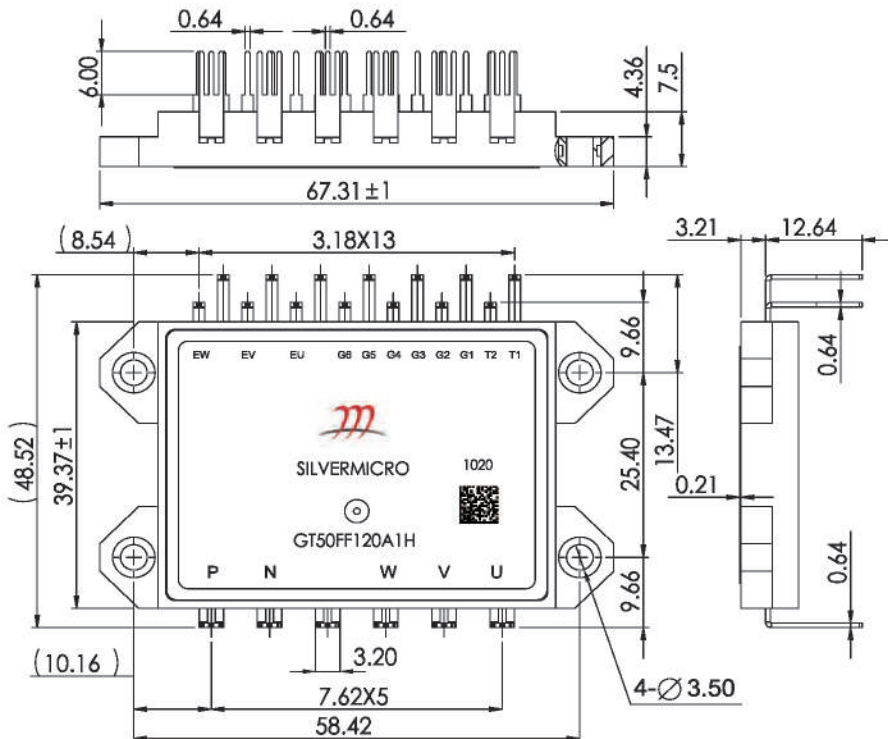
$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200MAR120T9H	1200	200	Trench FS	Page87 T9	
GT300MAR120T9H	1200	300	Trench FS	Page87 T9	
Trench T Series					
GT200MCR120T9H	1200	200	Trench FS	Page87 T9	
GT300MCR120T9H	1200	300	Trench FS	Page87 T9	

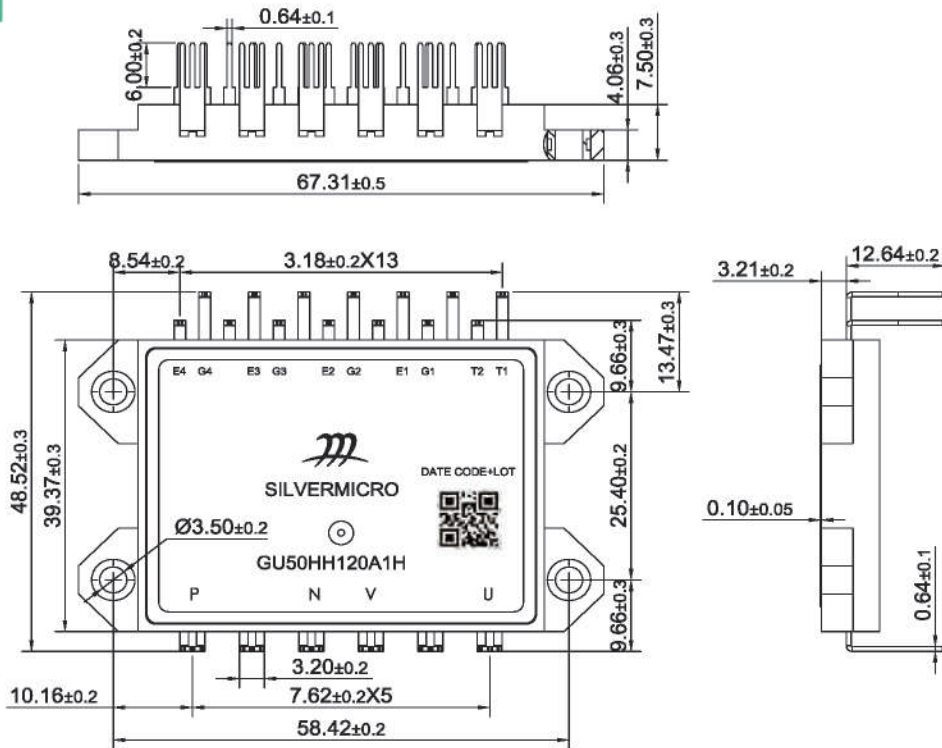
A1-FB



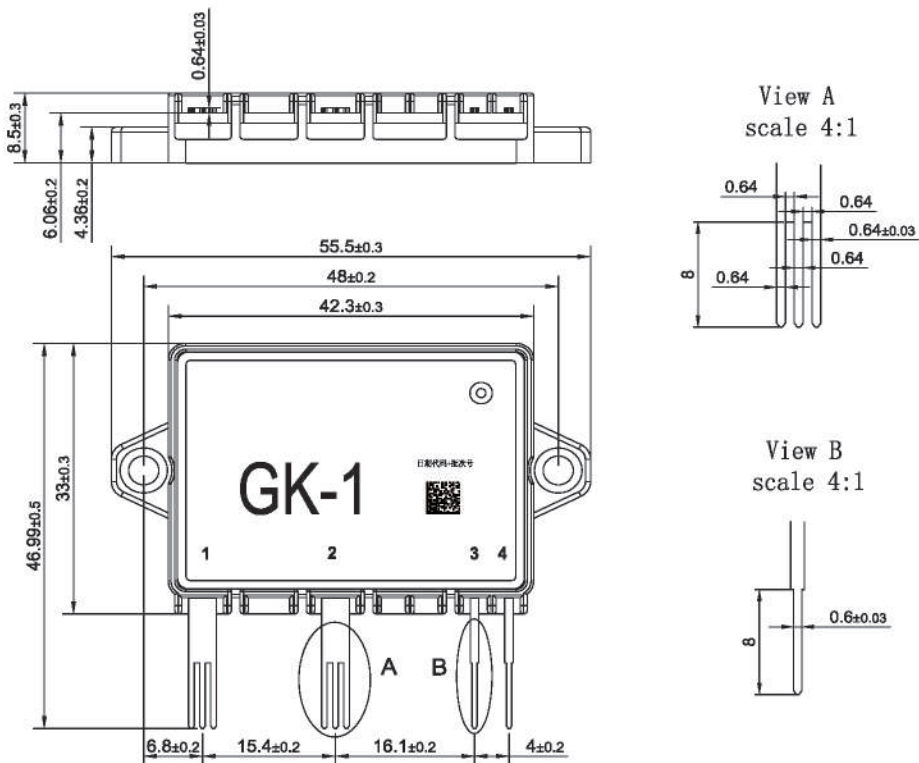
A1-FF



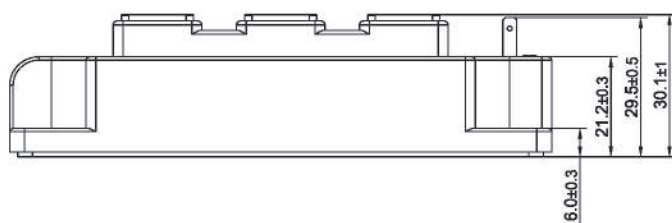
A1-HH



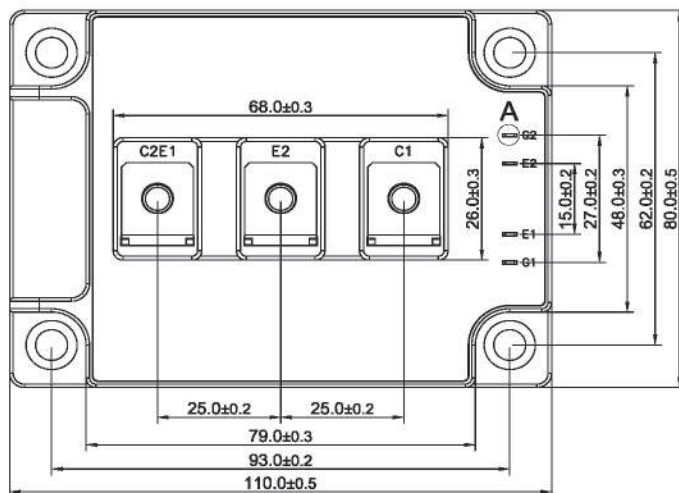
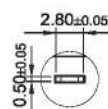
A2-SD



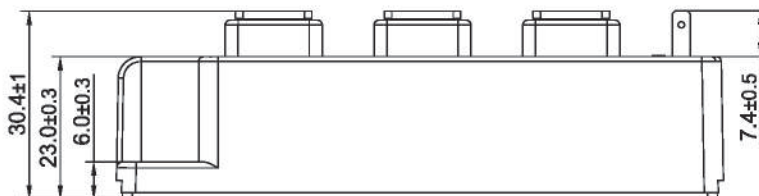
A4



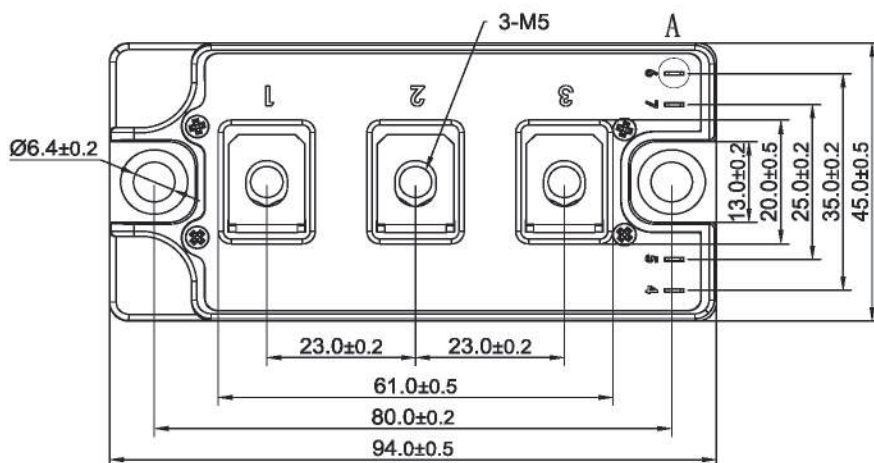
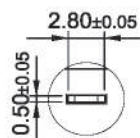
View A
scale 3:1



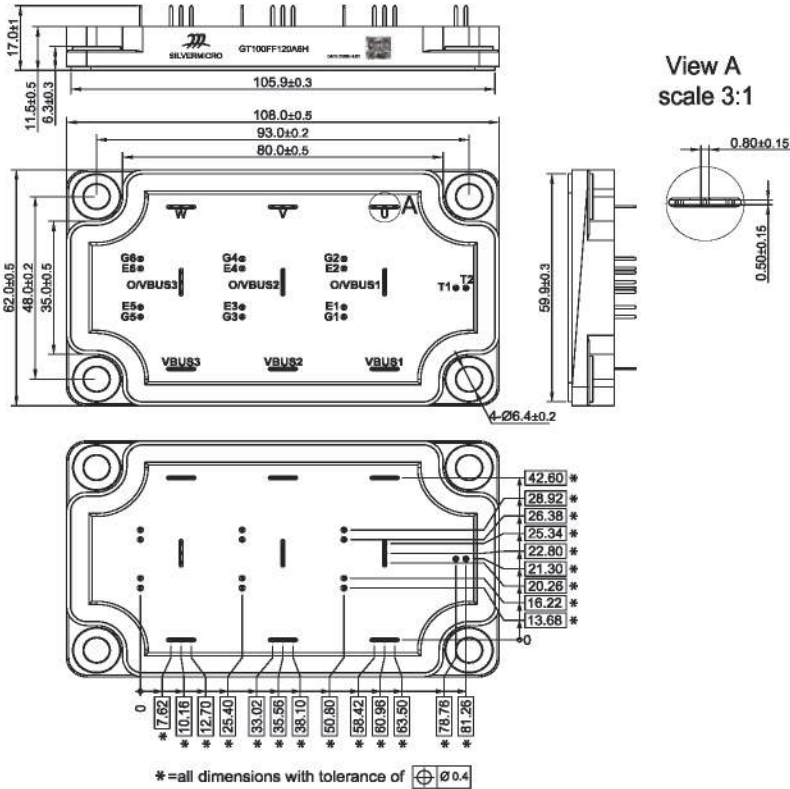
A5



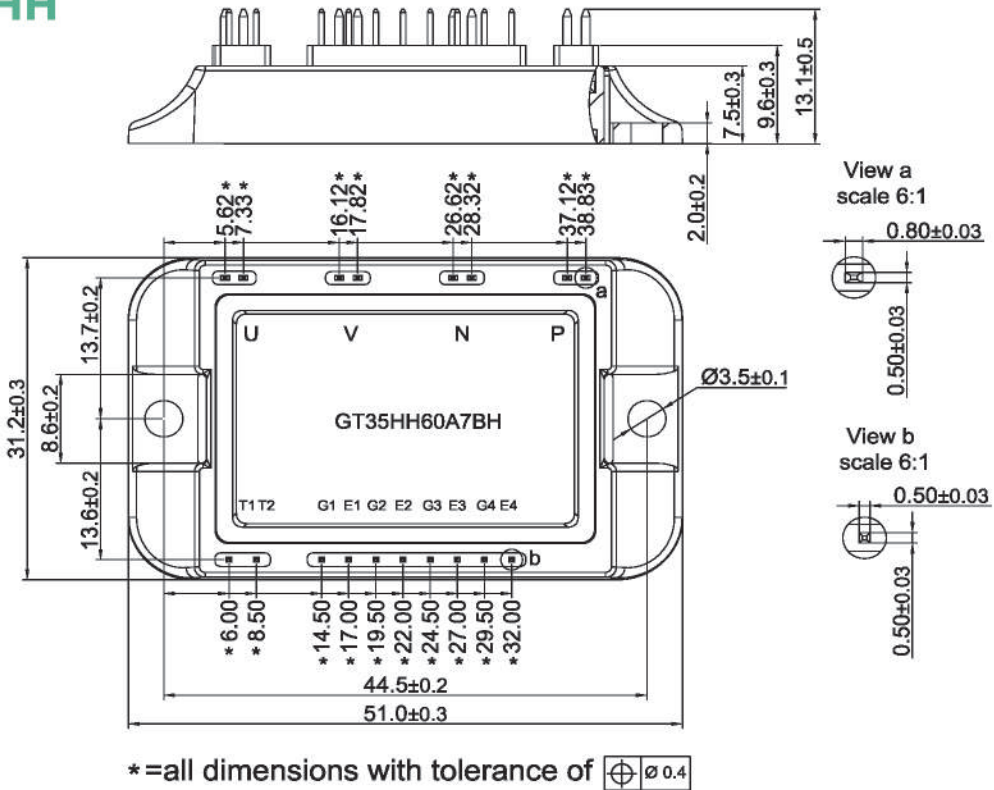
View A
scale 3:1



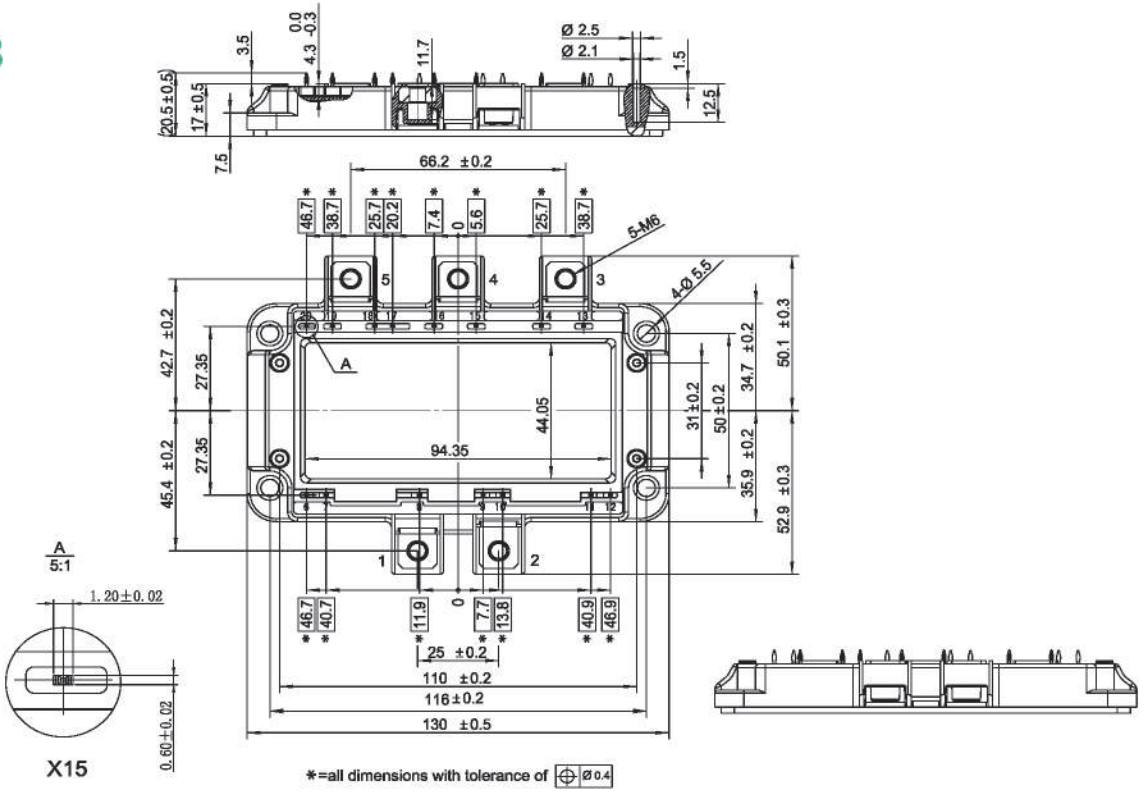
A6



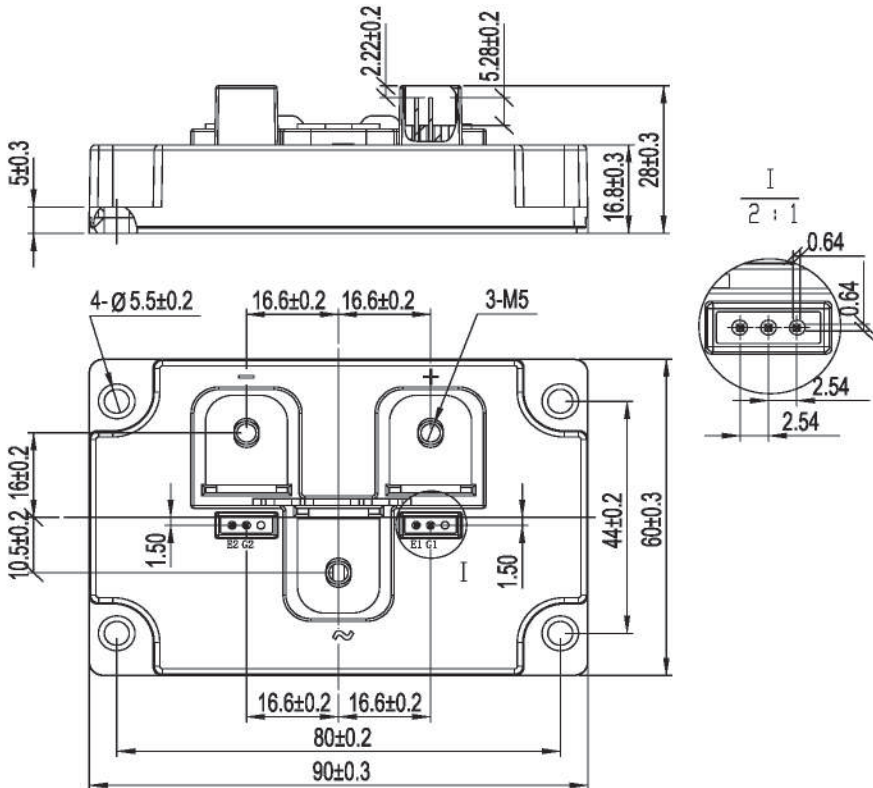
A7B-HH



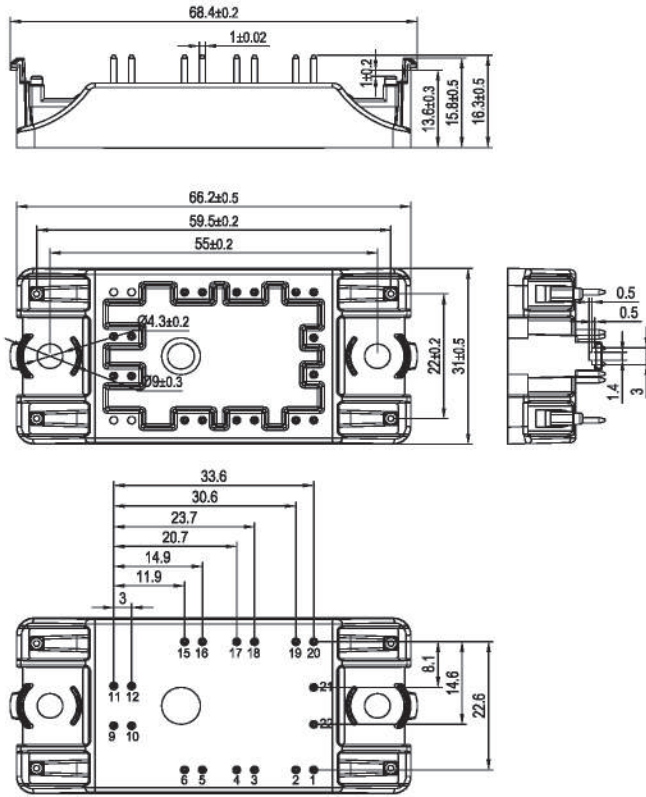
A8



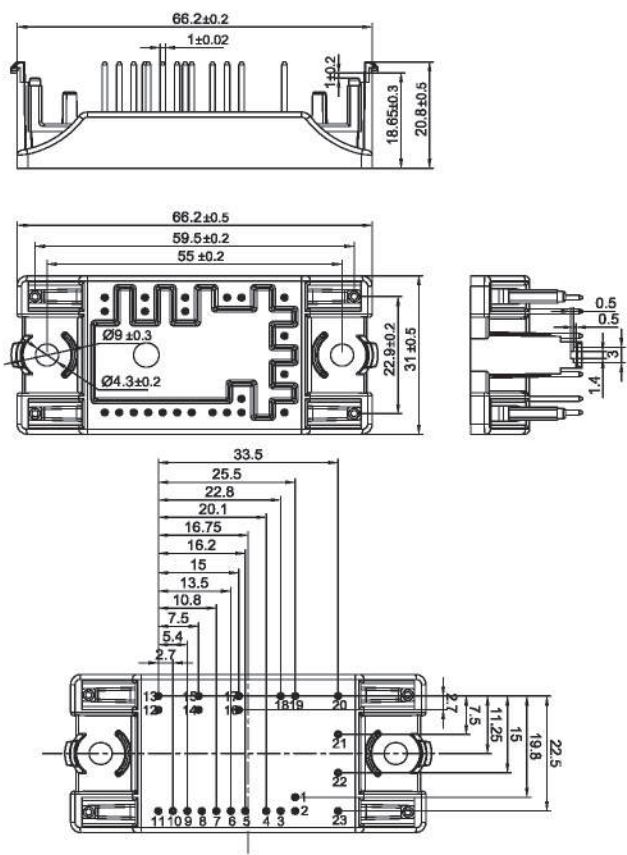
B1



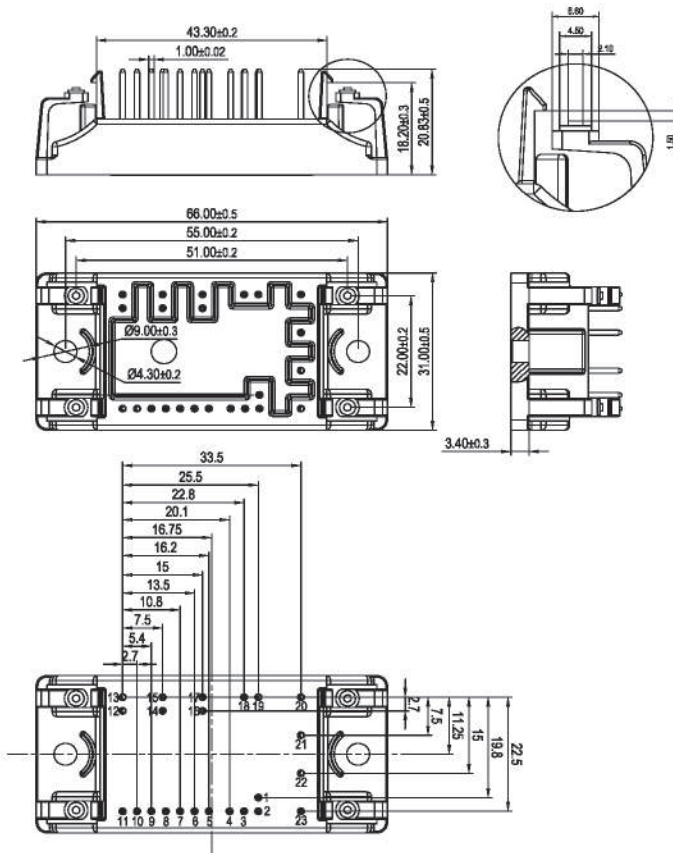
B2-CH



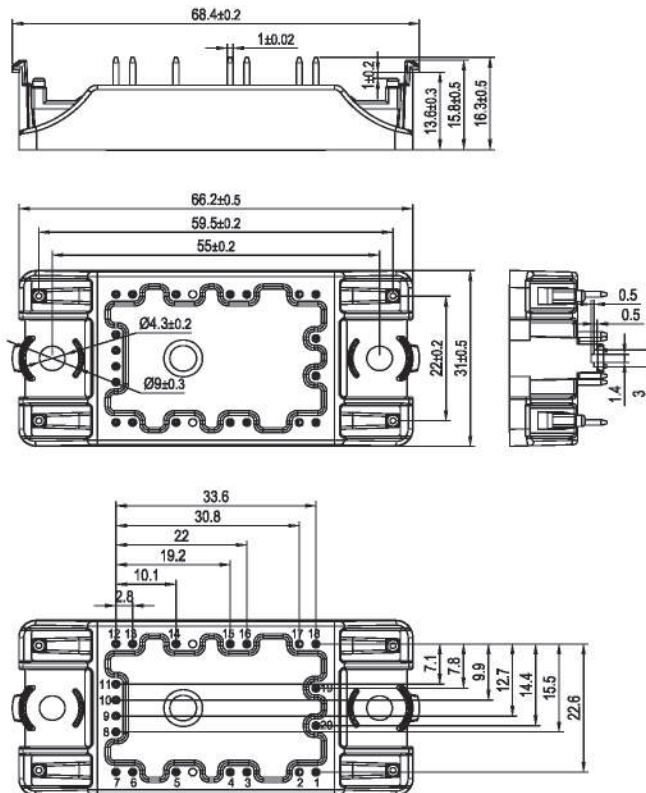
B2-PI



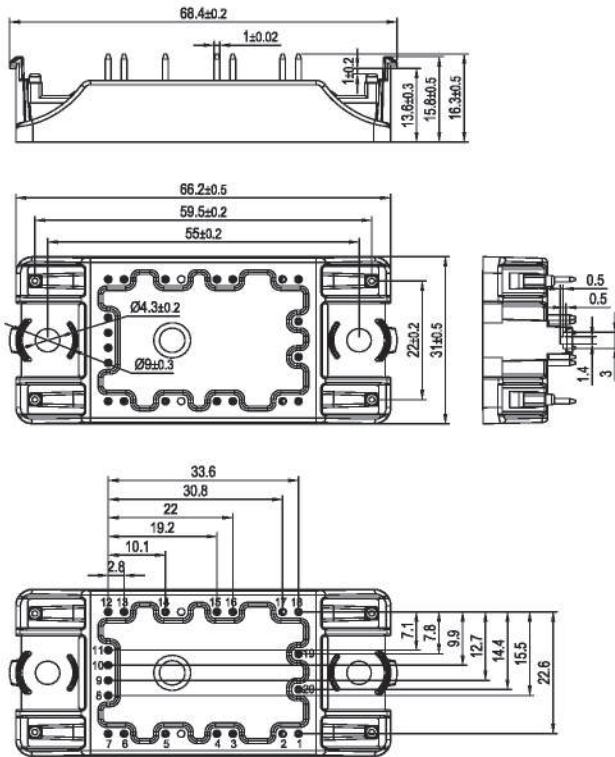
B2-PI(F)



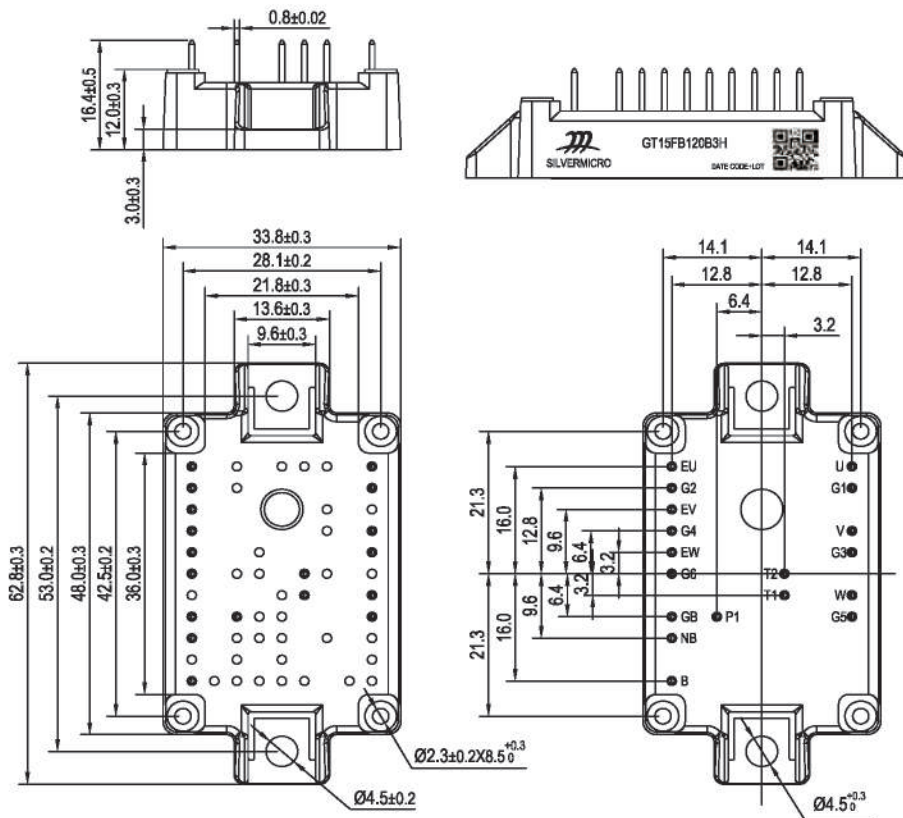
B2-TL



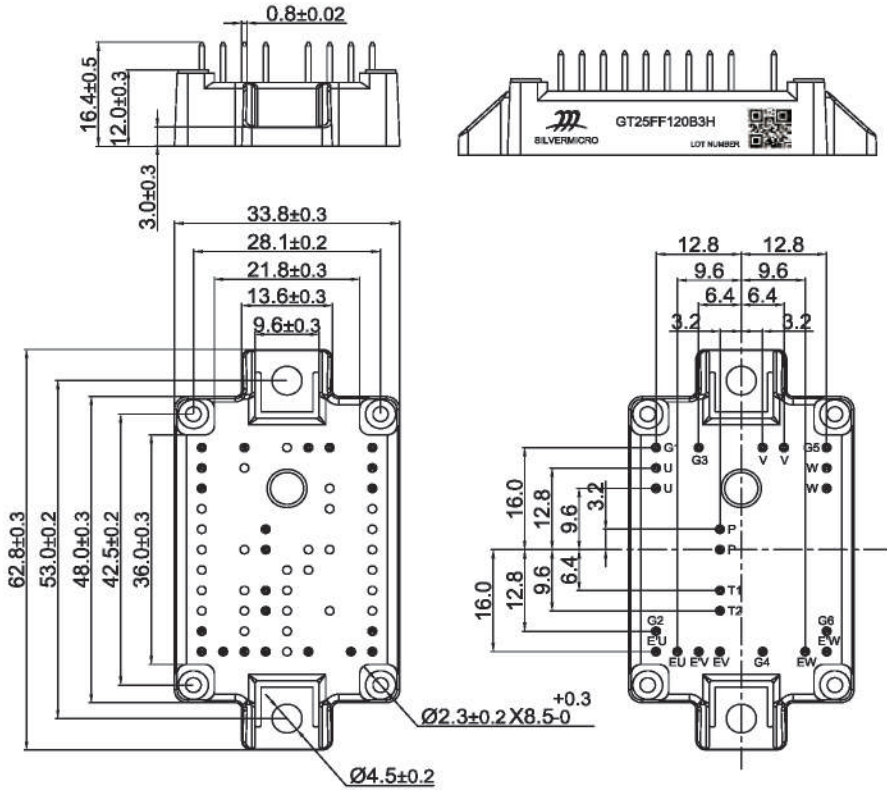
B2-TT



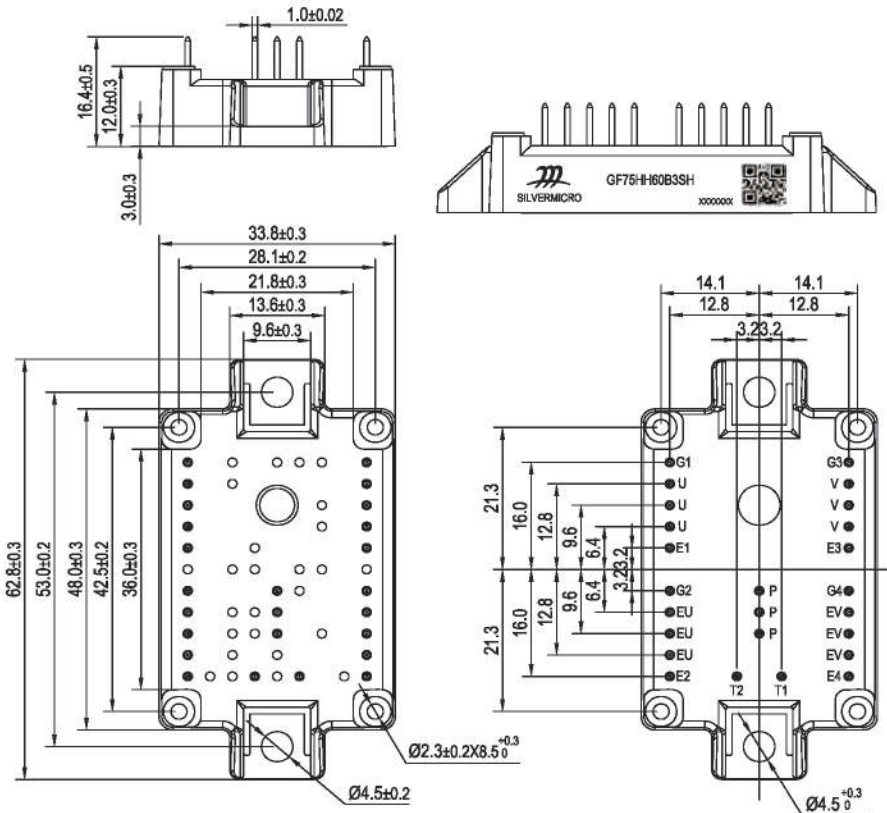
B3-FB



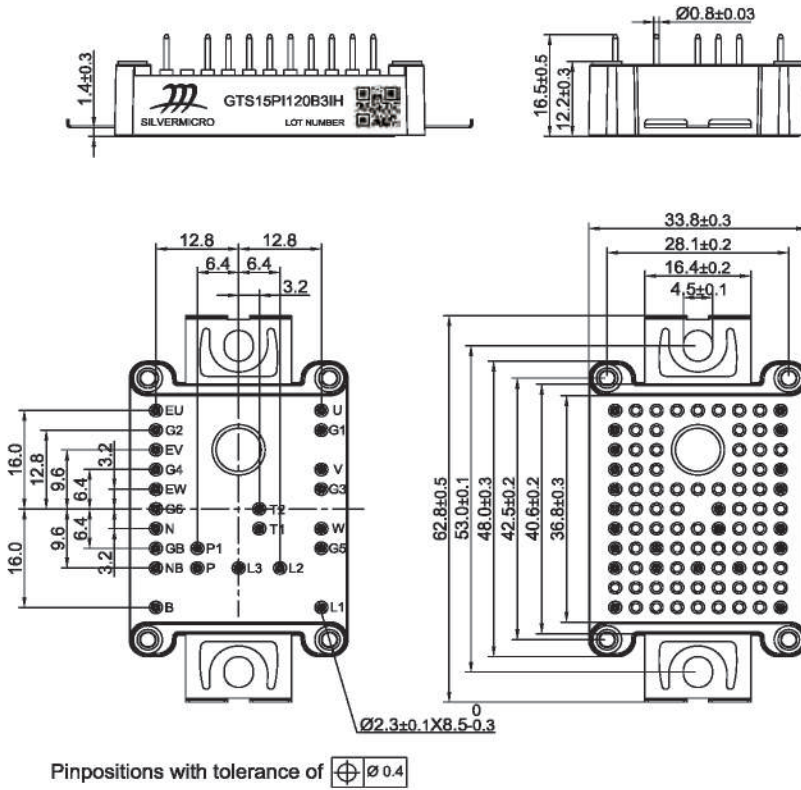
B3-FF



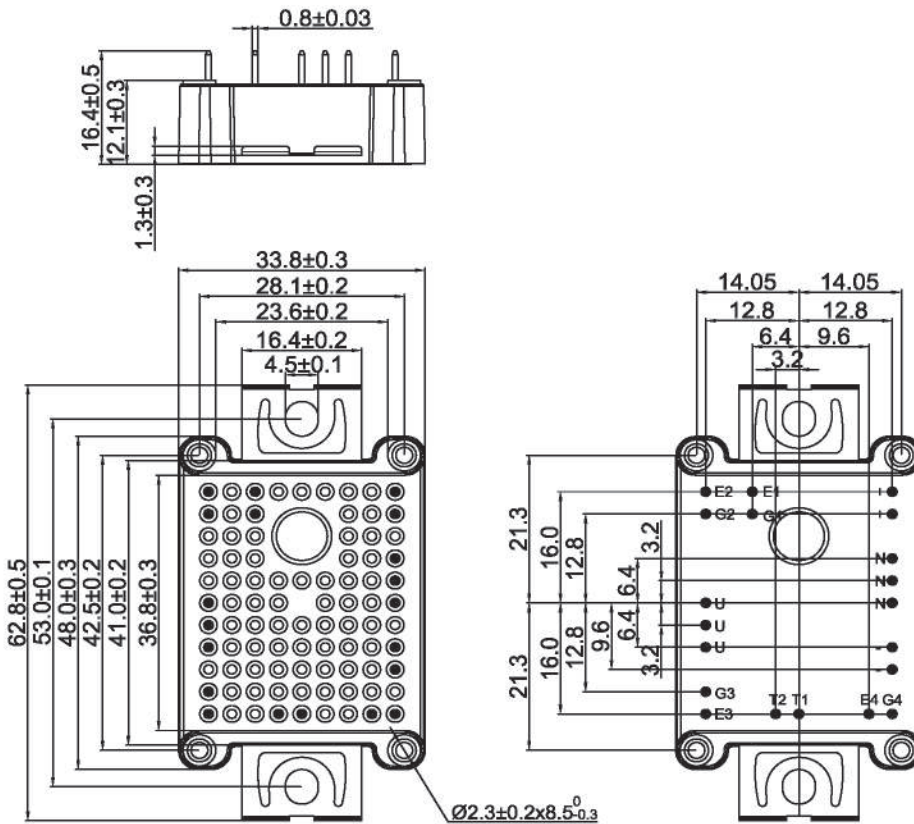
B3-HH



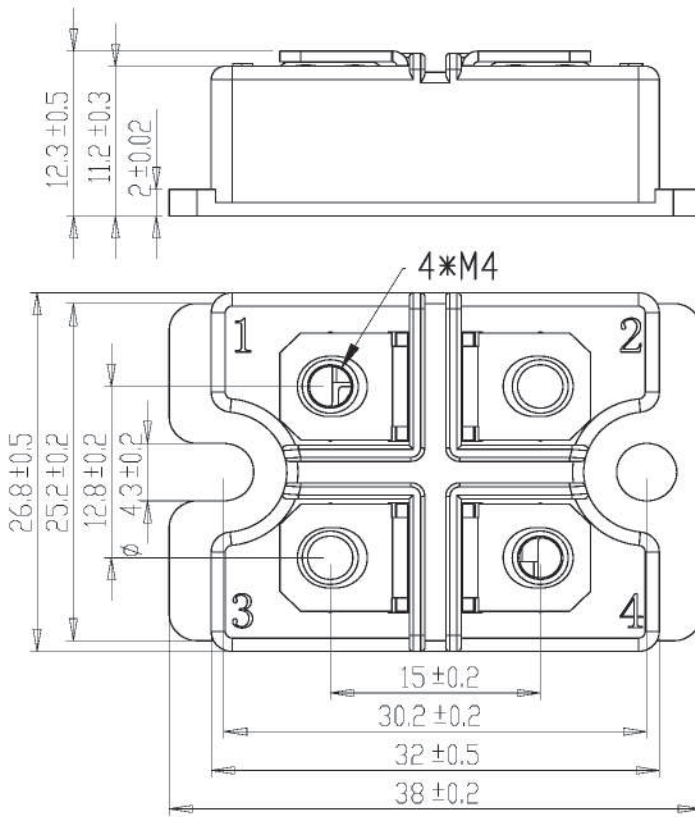
B3-PI



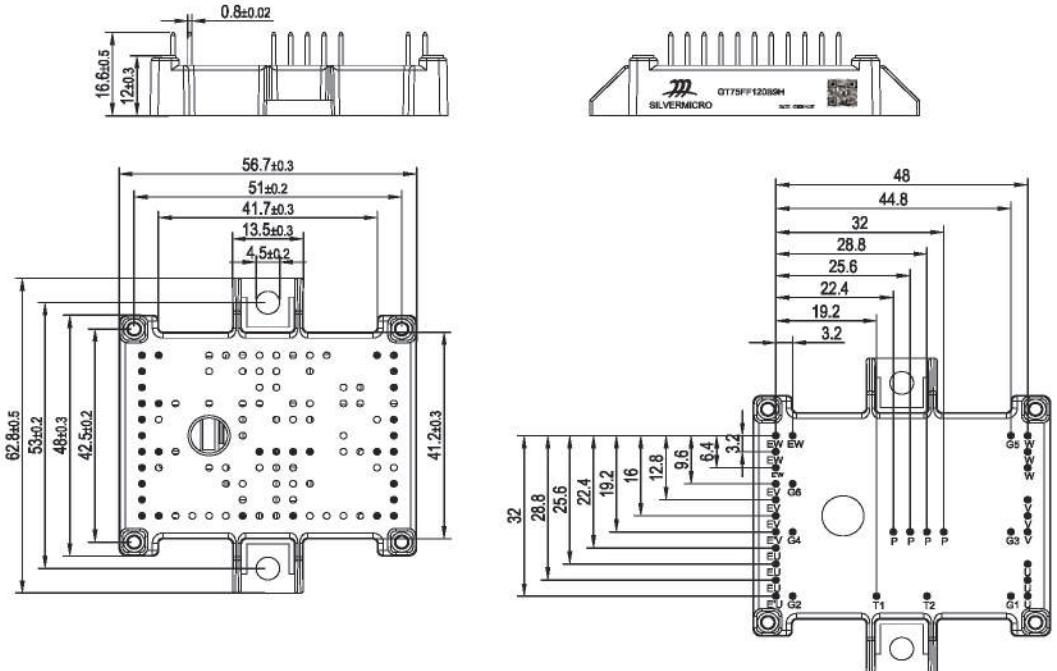
B3-TL



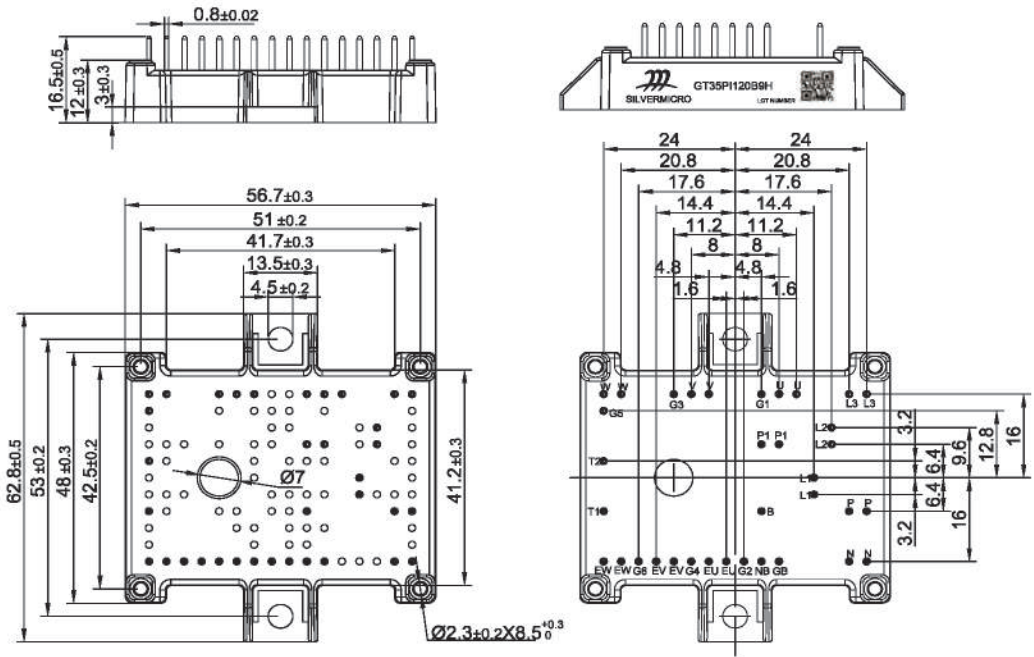
B5



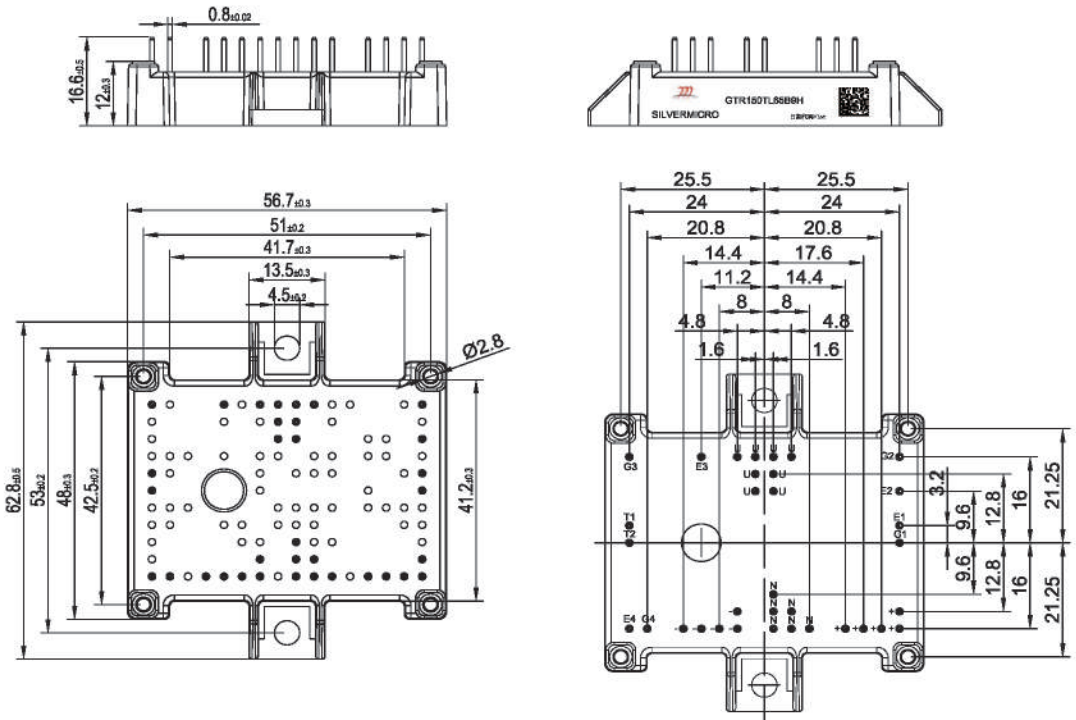
B9-FF



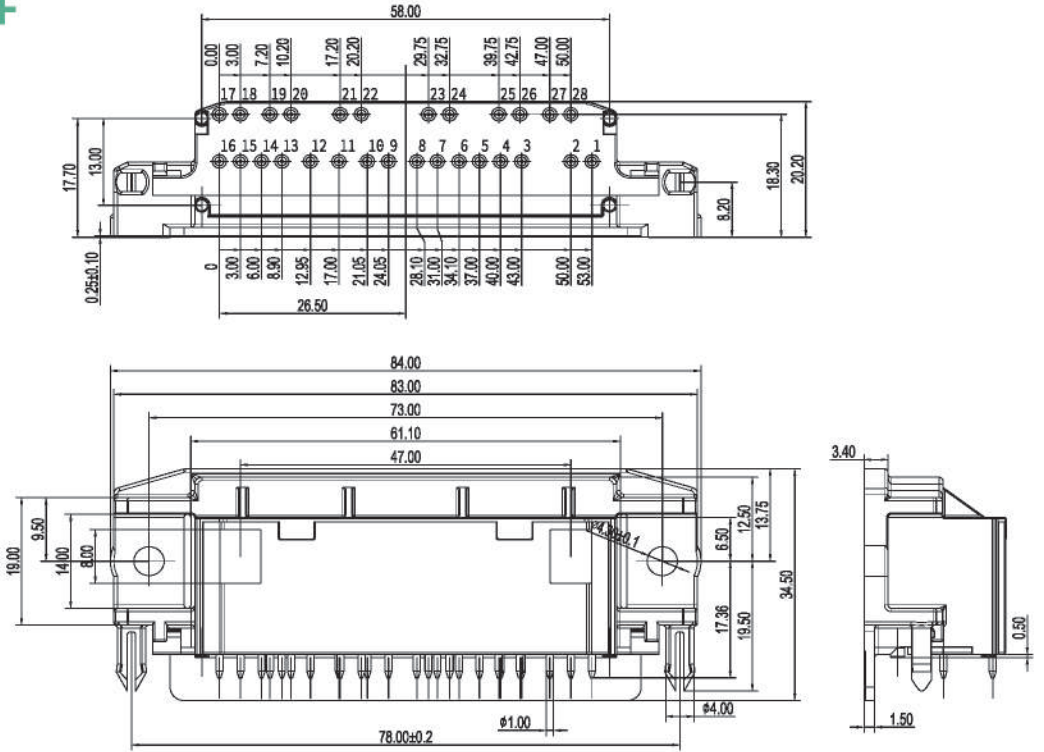
B9-PI



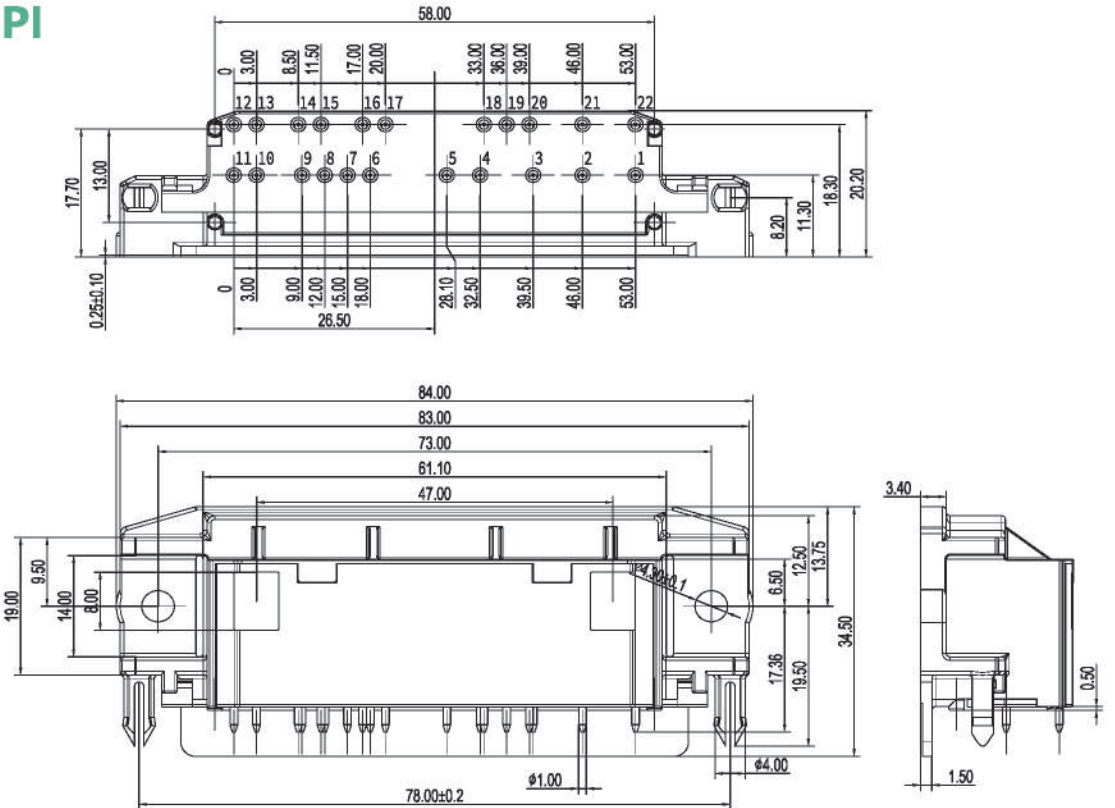
B9-TL



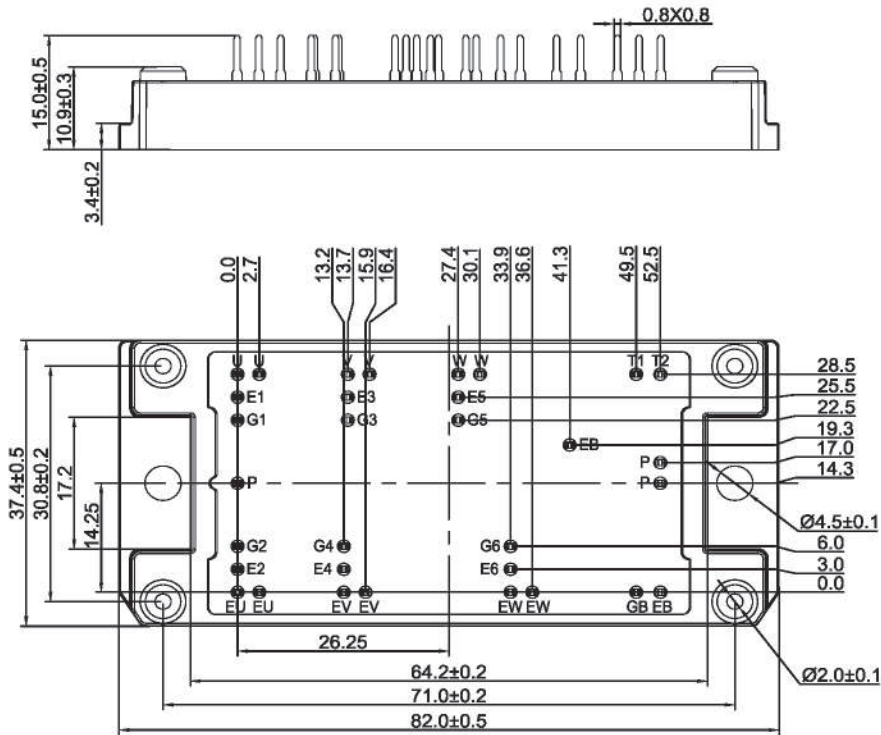
C6-FF



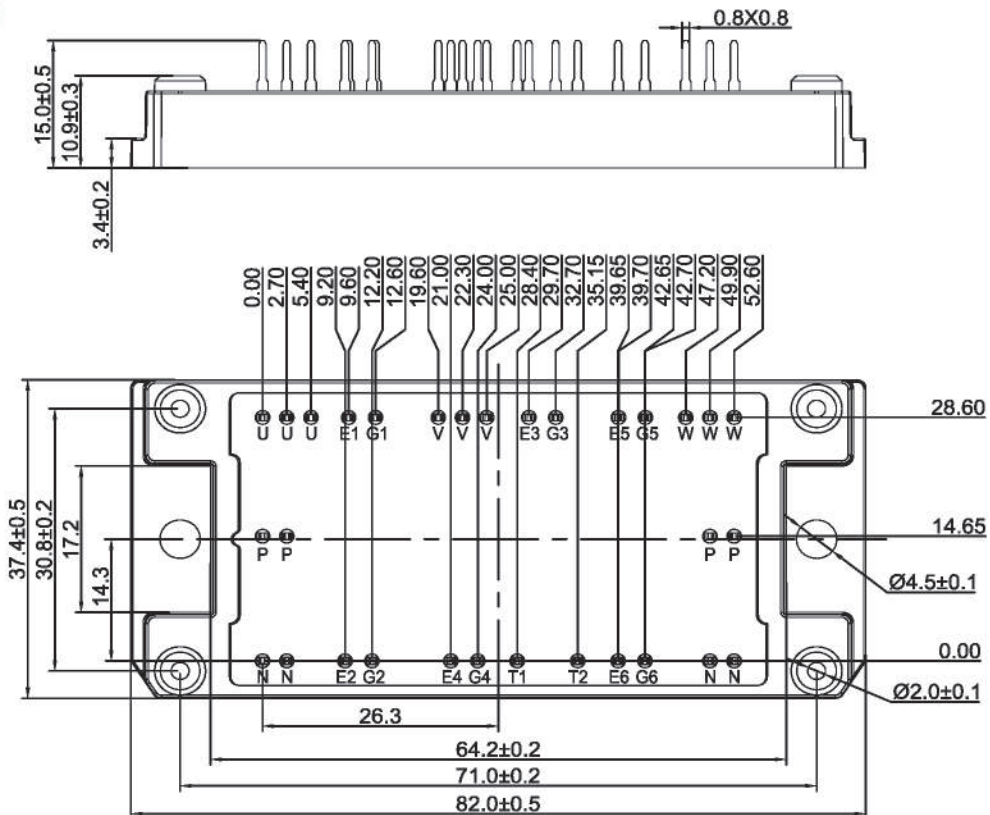
C6-PI



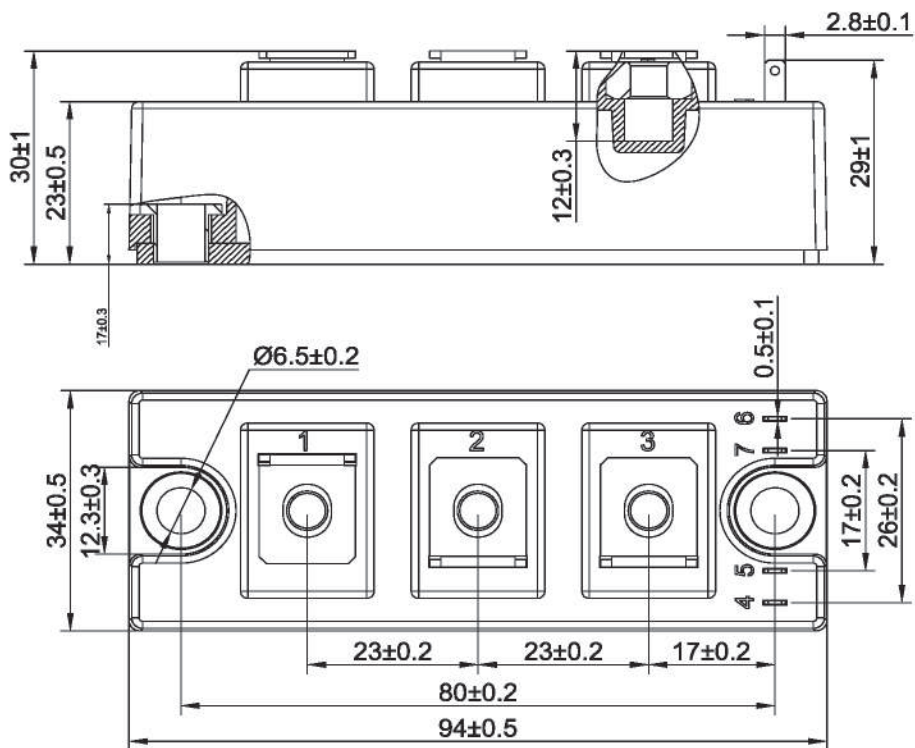
C7-FB



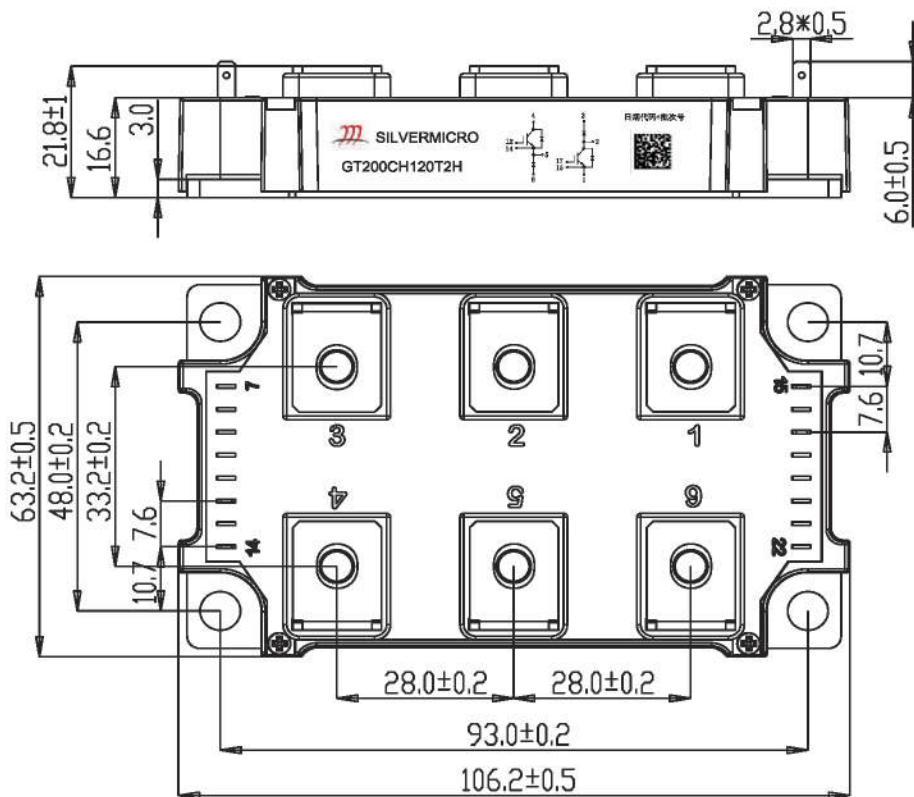
C7-FF



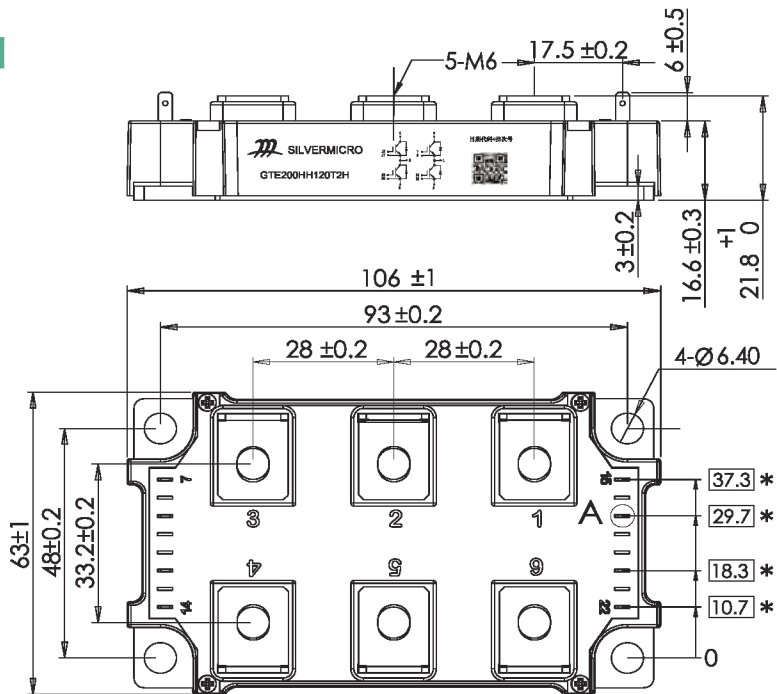
T1W



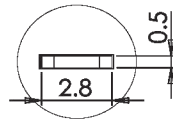
T2-CH



T2-HH

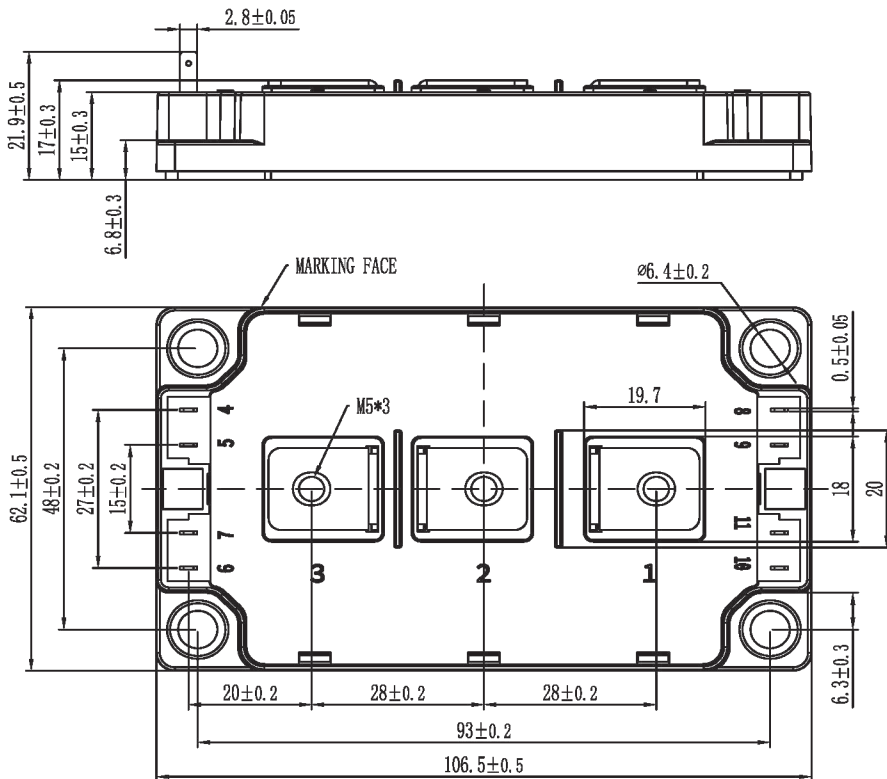


局部视图A
比例5:1

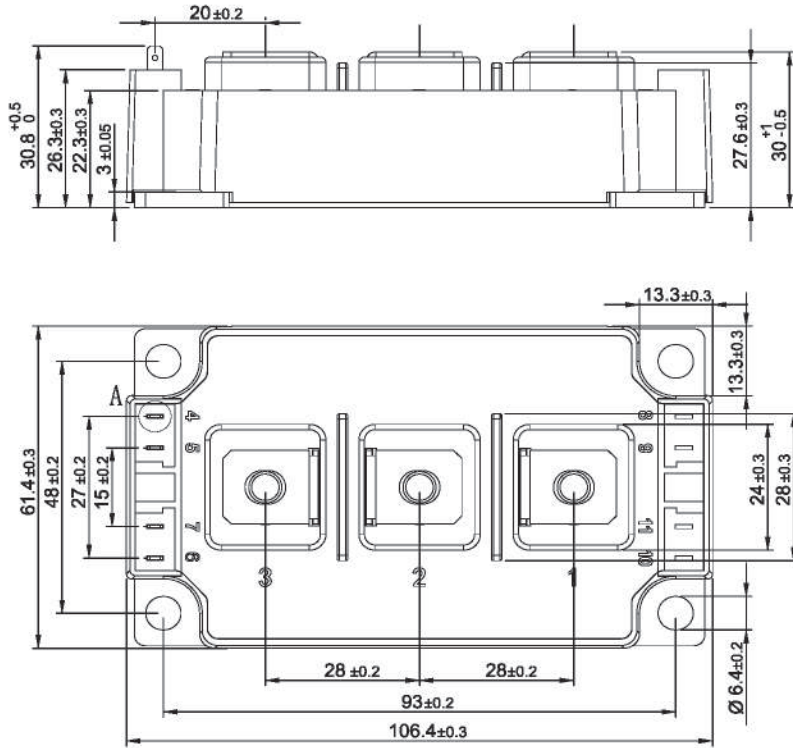


* =all dimensions with tolerance of $\varnothing 0.5$

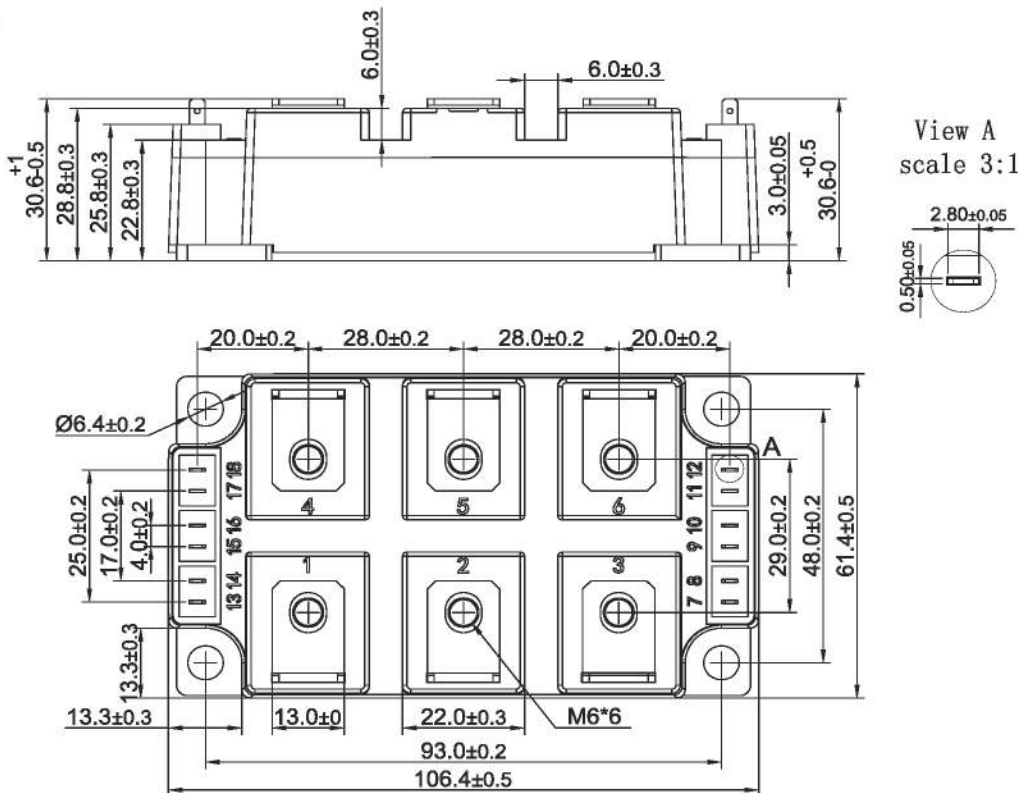
T2L



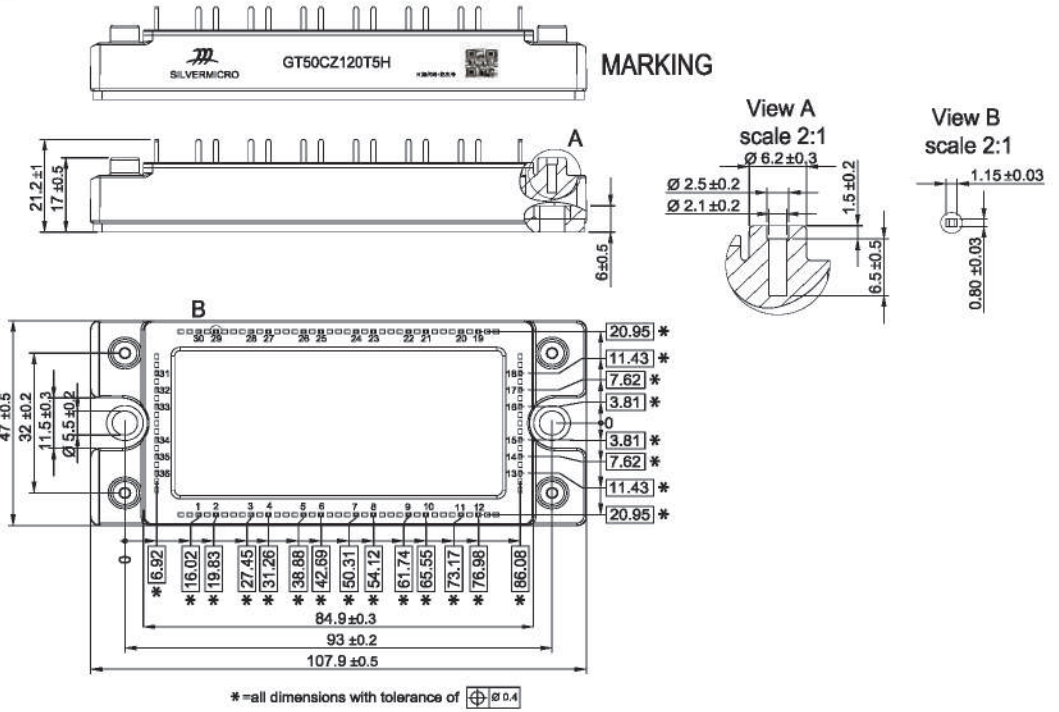
T2N



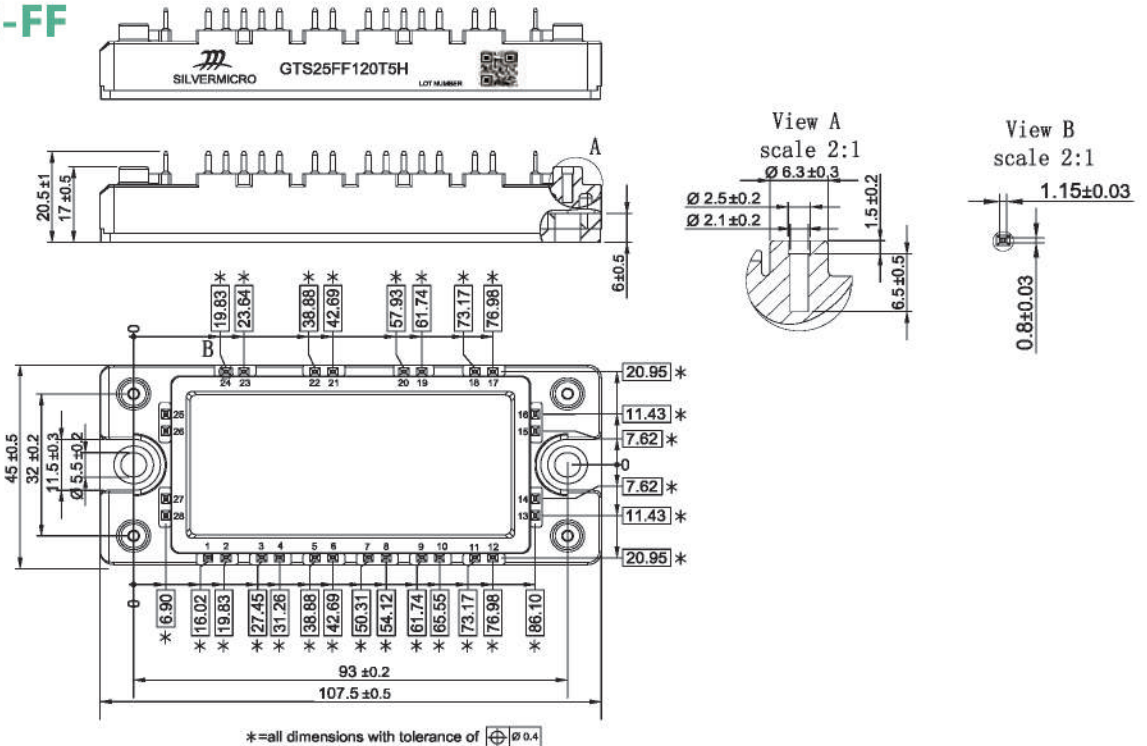
T2S



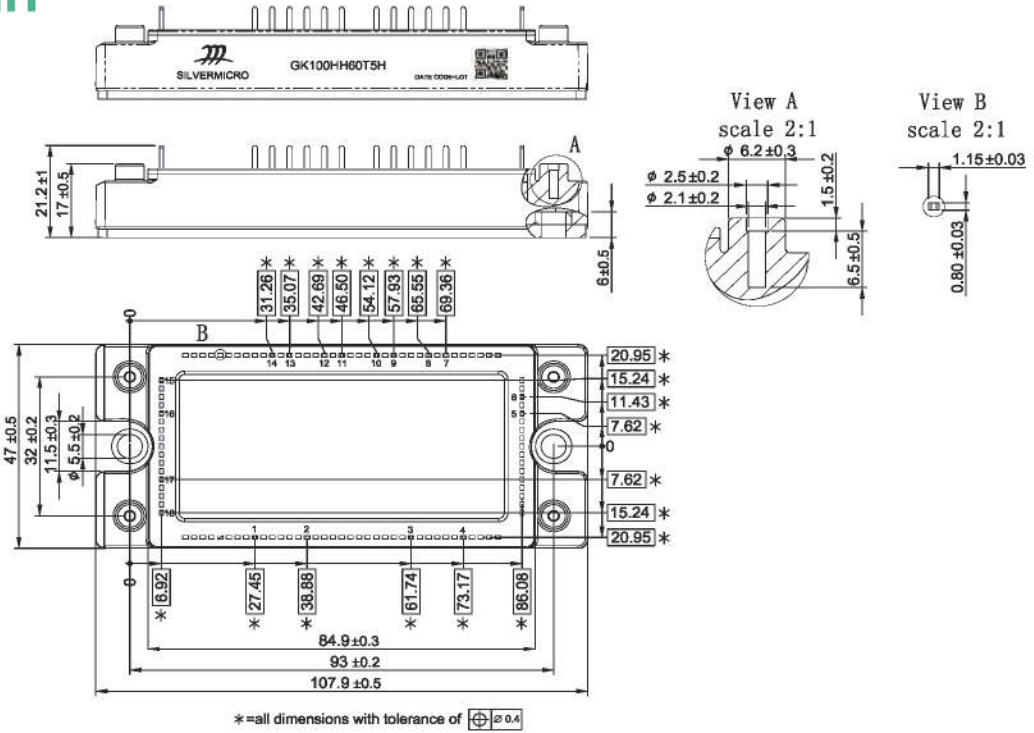
T5-CZ



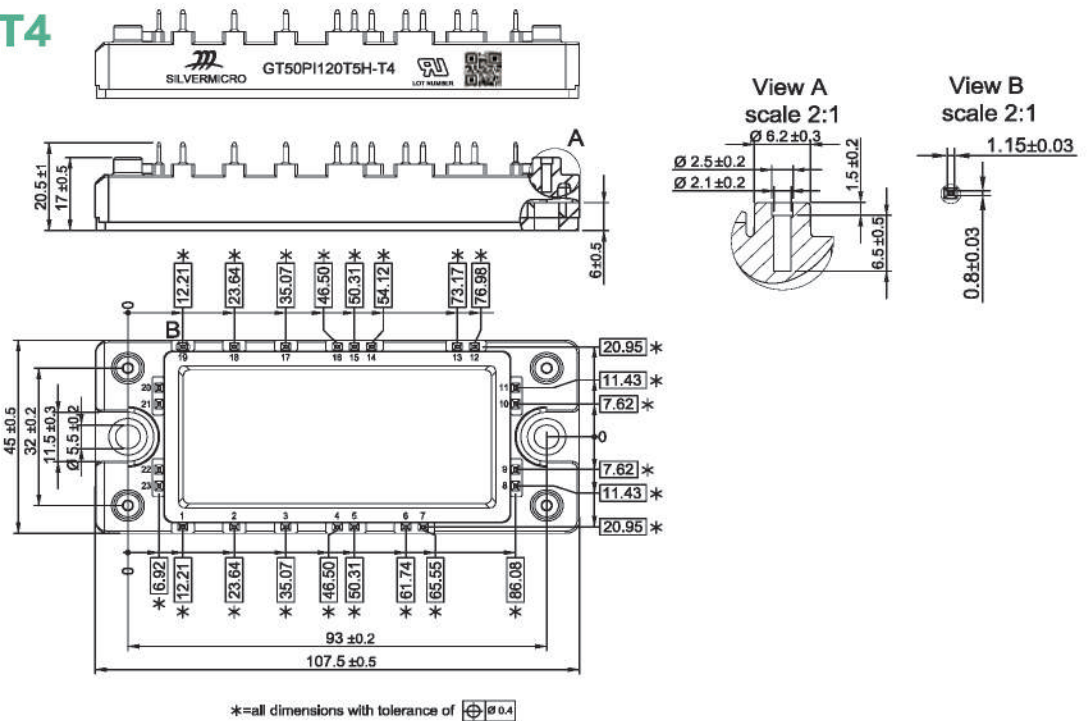
T5-FF



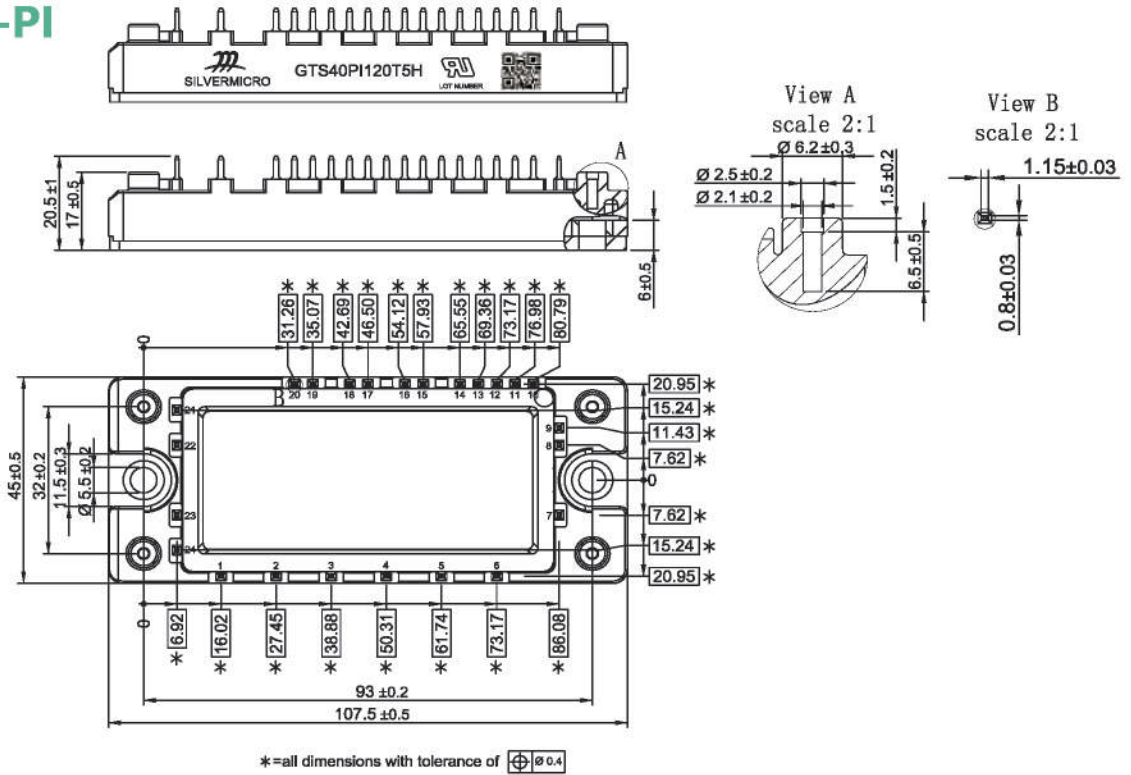
T5-HH



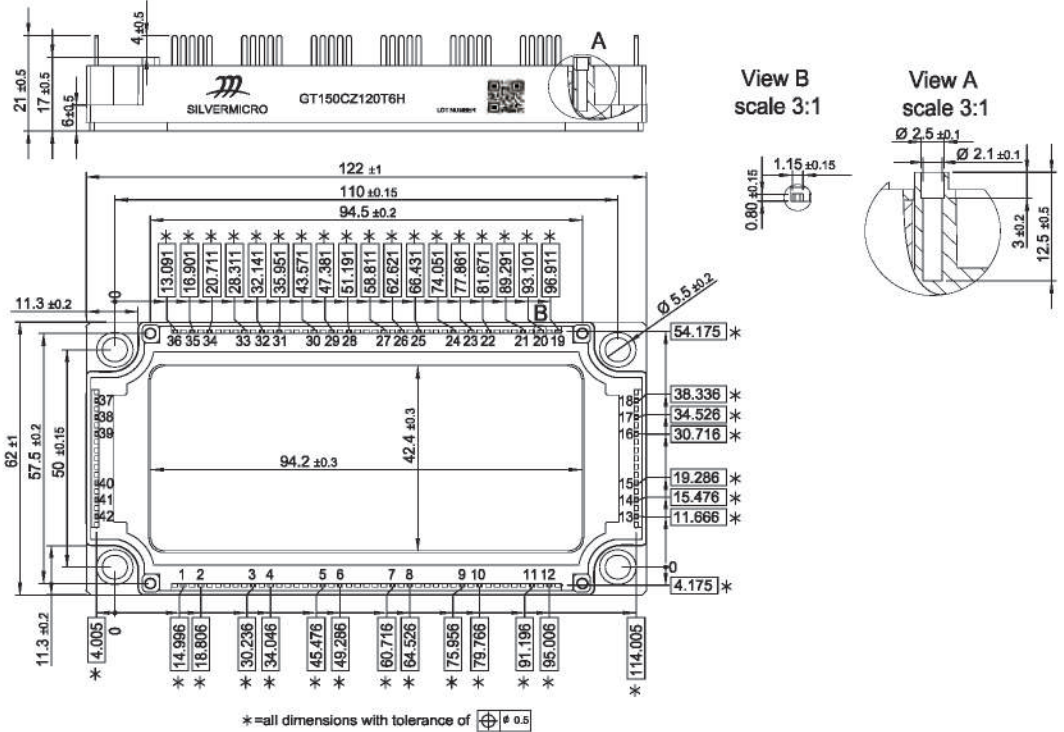
T5-PI-T4



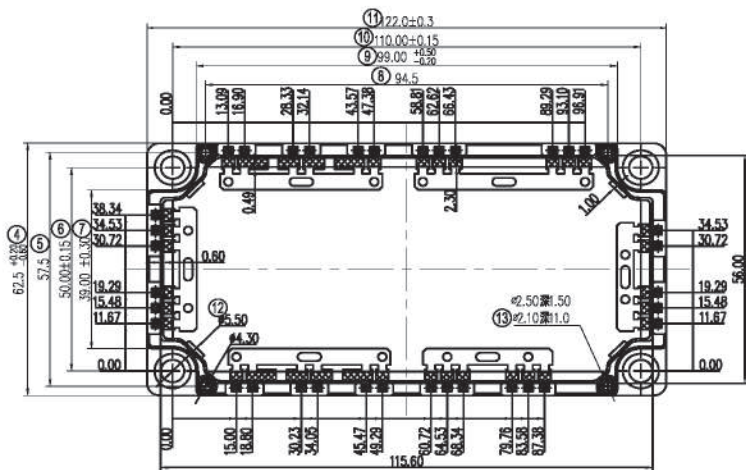
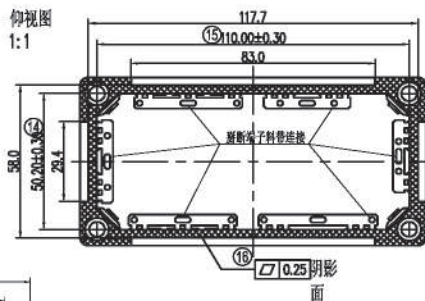
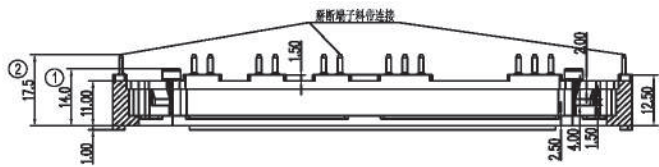
T5-PI



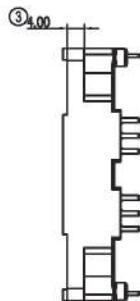
T6-CZ



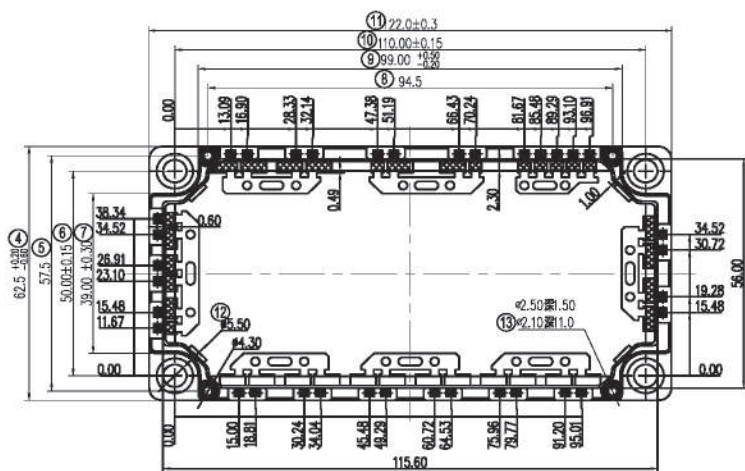
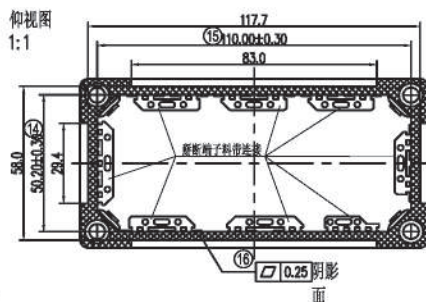
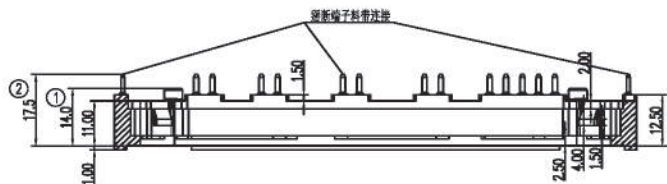
T6-PI-T4



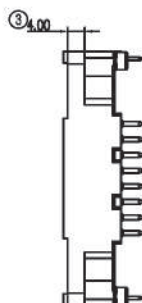
阴影部分为端子键合面



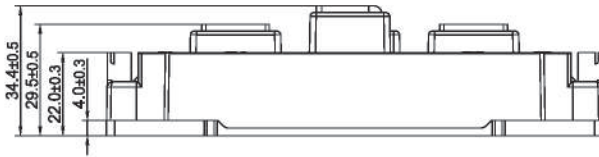
T6-PI



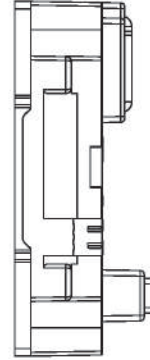
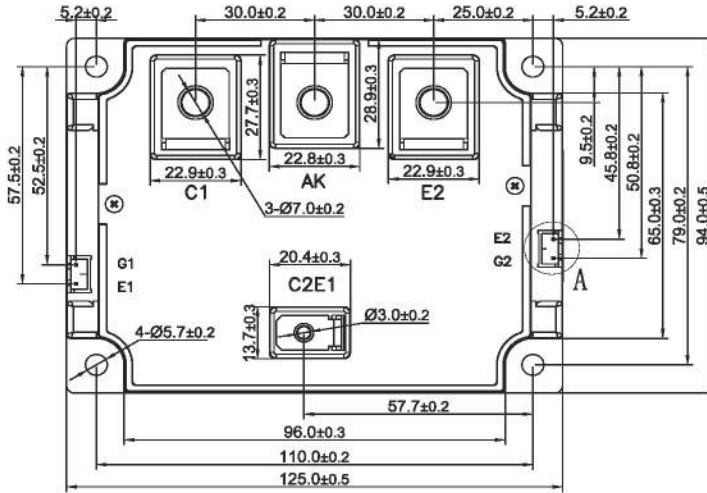
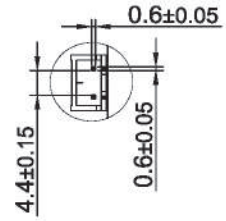
阴影部分为端子键合面



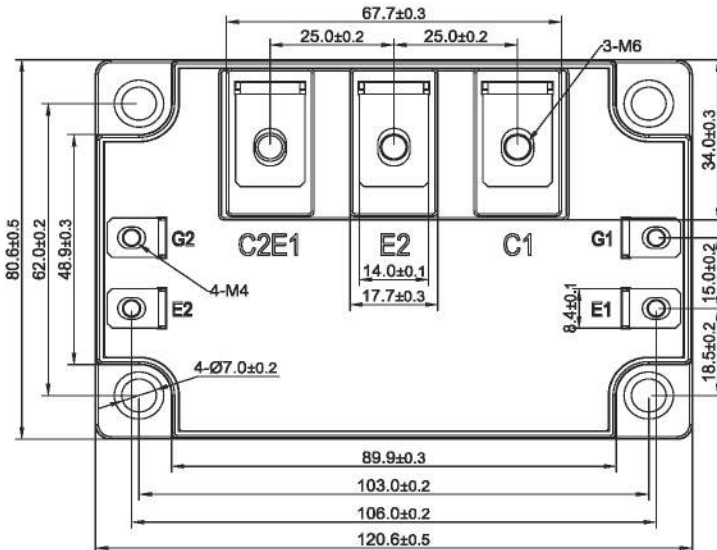
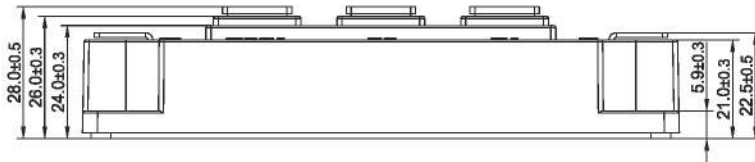
T7



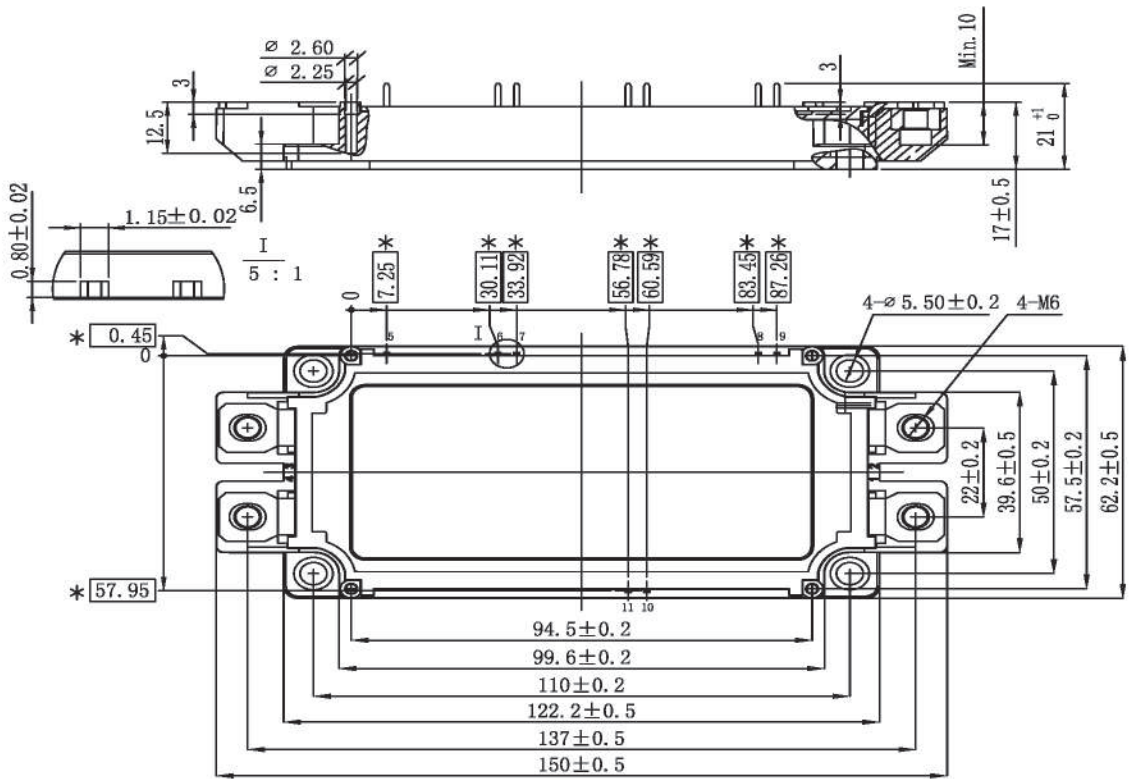
View A
scale 1.5:1



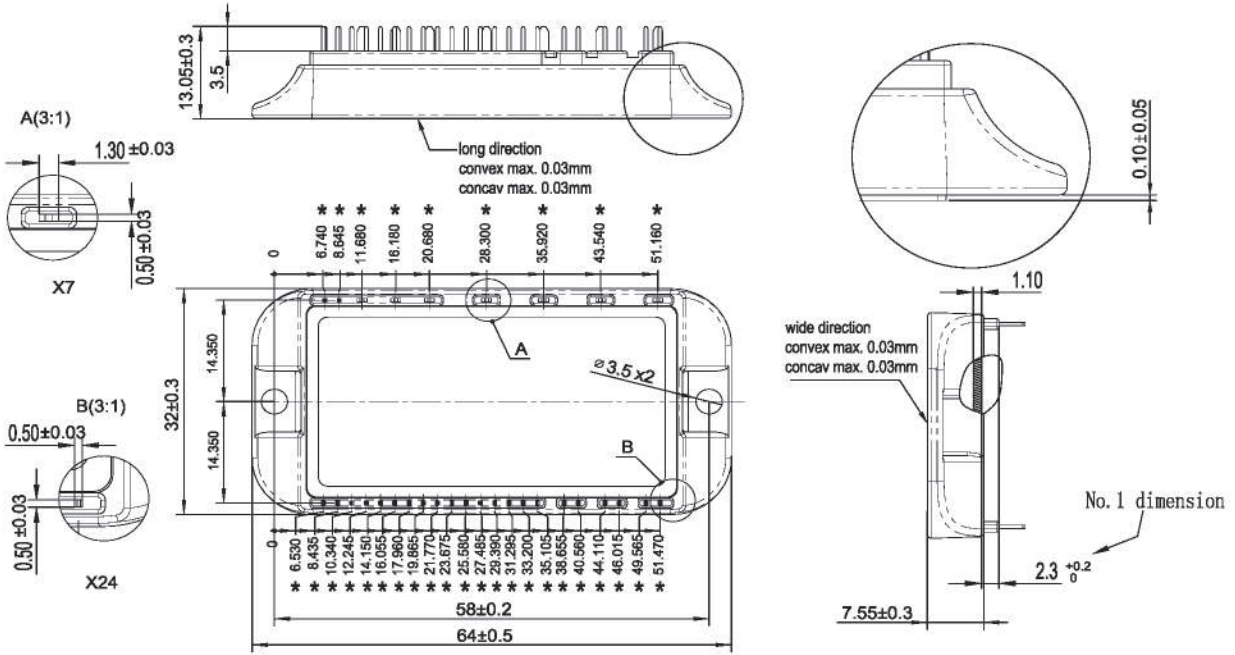
T8



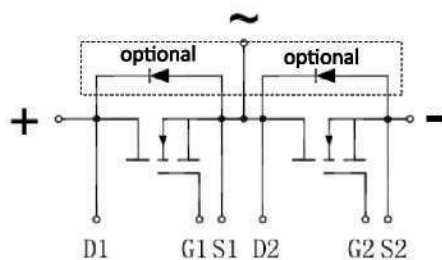
T9



A7



Half Bridge (MOS)

B1 **$V_{DSS}=100V$**

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM500HF10B1H	100	500	0.93m Ω	Page92 B1	
MM700HF10B1H	100	700	0.67m Ω	Page92 B1	
MM900HF10B1H	100	900	0.53m Ω	Page92 B1	
MM1000HF10B1H	100	1000	0.40m Ω	Page92 B1	
MM1200HF10B1H	100	1200	0.33m Ω	Page92 B1	
MM1400HF10B1H	100	1400	0.29m Ω	Page92 B1	

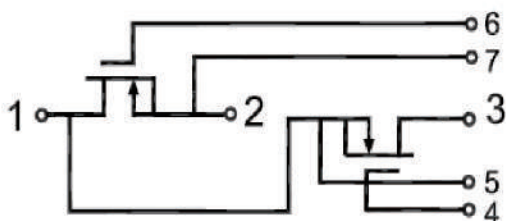
 $V_{DSS}=150V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM340HF15B1H	150	340	3.30m Ω	Page92 B1	with FRD
MM500HF15B1H	150	500	2.00m Ω	Page92 B1	with FRD
MM680HF15B1H	150	680	1.60m Ω	Page92 B1	with FRD
MM850HF15B1H	150	850	0.90m Ω	Page92 B1	with FRD

 $V_{DSS}=200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM450HF20B1H	200	450	2.00m Ω	Page92 B1	
MM550HF20B1H	200	550	1.60m Ω	Page92 B1	
MM650HF20B1H	200	650	1.30m Ω	Page92 B1	

Half Bridge (MOS)

T2N **$V_{DSS}=100V$**

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM500HF10T2NH	100	500	0.93m Ω	Page92 T2N	
MM700HF10T2NH	100	700	0.67m Ω	Page92 T2N	
MM900HF10T2NH	100	900	0.53m Ω	Page92 T2N	
MM1000HF10T2NH	100	1000	0.40m Ω	Page92 T2N	
MM1200HF10T2NH	100	1200	0.33m Ω	Page92 T2N	
MM1400HF10T2NH	100	1400	0.29m Ω	Page92 T2N	

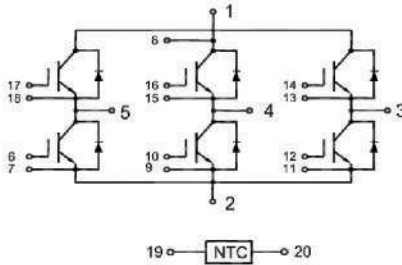
 $V_{DSS}=150V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM340HF15T2NH	150	340	3.30m Ω	Page92 T2N	with FRD
MM500HF15T2NH	150	500	2.00m Ω	Page92 T2N	with FRD
MM680HF15T2NH	150	680	1.60m Ω	Page92 T2N	with FRD
MM850HF15T2NH	150	850	0.90m Ω	Page92 T2N	with FRD

 $V_{DSS}=200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM450HF20T2NH	200	450	2.00m Ω	Page92 T2N	with FRD
MM550HF20T2NH	200	550	1.60m Ω	Page92 T2N	with FRD
MM650HF20T2NH	200	650	1.30m Ω	Page92 T2N	with FRD

Full Bridge (IGBT)

A8


$V_{CES}=650V$

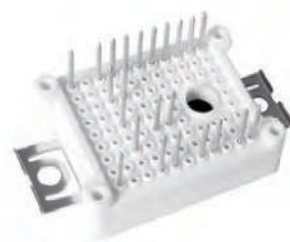
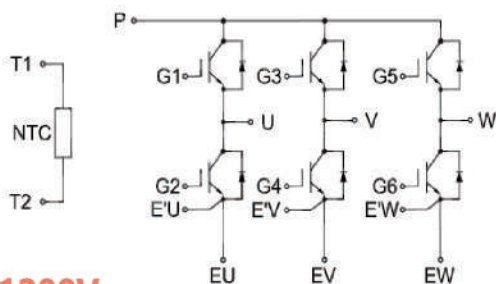
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200FF65A8S	650	200	Trench FS	Page103 A8	
GT300FF65A8S	650	300	Trench FS	Page103 A8	
GT400FF65A8S	650	400	Trench FS	Page103 A8	

$V_{DSS}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100FF120A8S	1200	100	Trench FS	Page103 A8	
GT150FF120A8S	1200	150	Trench FS	Page103 A8	
GT200FF120A8S	1200	200	Trench FS	Page103 A8	

Full Bridge (IGBT)

B3

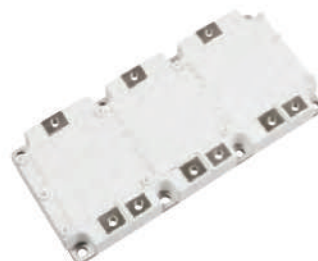
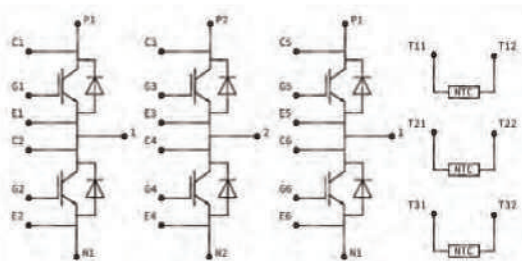


V_{CES}=1200V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT25FF120B3S	1200	25	Trench FS	Page104 B3P-FF	press-fit pins
GT35FF120B3S	1200	35	Trench FS	Page104 B3P-FF	press-fit pins
Trench T Series					
GTS25FF120B3S	1200	25	Trench FS	Page104 B3P-FF	press-fit pins
GTS40FF120B3S	1200	40	Trench FS	Page104 B3P-FF	press-fit pins

Full Bridge (IGBT)

B8

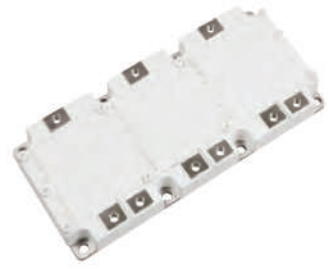
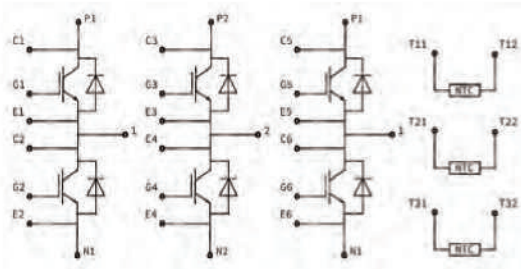


V_{CES}=650V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT600FF65B8S	650	600	Trench FS	Page104 B8	
GT800FF65B8S	650	800	Trench FS	Page104 B8	

Full Bridge (IGBT)

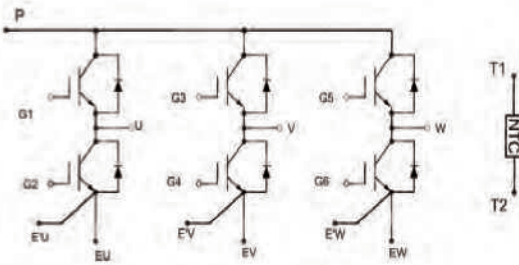
B8



$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT400FF120B8S	1200	400	Trench FS	Page104 B8	
GT600FF120B8S	1200	600	Trench FS	Page104 B8	

B9

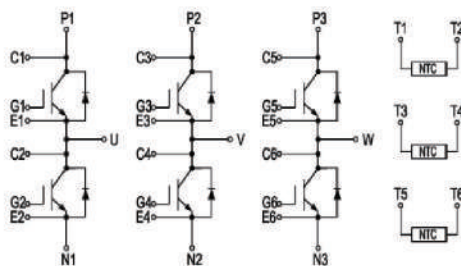


$V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Standard K Series					
GT50FF120B9S	1200	50	Trench FS	Page105 B9P-FF	press-fit pins
GT75FF120B9S	1200	75	Trench FS	Page105 B9P-FF	press-fit pins

Full Bridge (IGBT)

C8

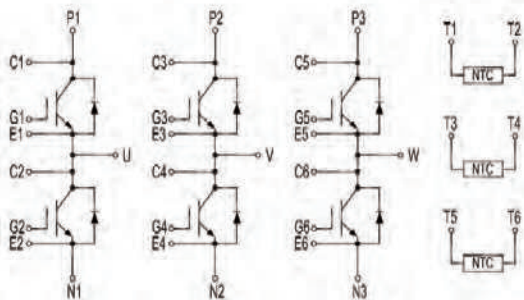
**V_{CES}=750V**

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT400FF75C8S	750	400	Trench FS	Page105/106 C8-S04/S17 Page106/107 C8-S05/S06	
GT600FF75C8S	750	600	Trench FS	Page105/106 C8-S04/S17 Page106/107 C8-S05/S06	
GT820FF75C8S	750	820	Trench FS	Page105/106 C8-S04/S17 Page106/107 C8-S05/S06	

V_{CES}=1200V

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT300FF120C8S	1200	300	Trench FS	Page105/106 C8-S04/S17 Page106/107 C8-S05/S06	
GT400FF120C8S	1200	400	Trench FS	Page105/106 C8-S04/S17 Page106/107 C8-S05/S06	

Full Bridge (IGBT)

C8N

 $V_{CES}=750V$

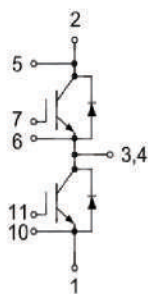
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT200FF75C8NS	750	200	Trench FS	Page107/108 C8N-S04/S17	
GT300FF75C8NS	750	300	Trench FS	Page107/108 C8N-S04/S17	
GT400FF75C8NS	750	400	Trench FS	Page107/108 C8N-S04/S17	

 $V_{CES}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
Trench T Series					
GT100FF120C8NS	1200	100	Trench FS	Page107/108 C8N-S04/S17	
GT150FF120C8NS	1200	150	Trench FS	Page107/108 C8N-S04/S17	
GT200FF120C8NS	1200	200	Trench FS	Page107/108 C8N-S04/S17	
GT300FF120C8NS	1200	300	Trench FS	Page107/108 C8N-S04/S17	

Full Bridge (IGBT)

T9

 $V_{CES}=650V$

8 — NTC — 9

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
沟槽型T系列-Trench T Series					
GT300HF65T9S	650	300	Trench FS	Page109 T9	
GT450HF65T9S	650	450	Trench FS	Page109 T9	
GT600HF65T9S	650	600	Trench FS	Page109 T9	

 $V_{CES}=1200V$

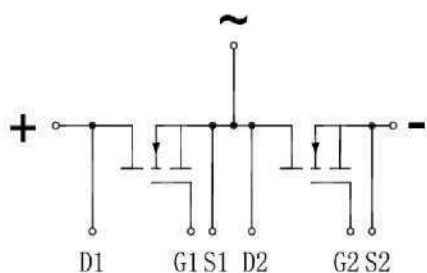
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
沟槽型T系列-Trench T Series					
GT225HF120T9S	1200	225	Trench FS	Page109 T9	
GT300HF120T9S	1200	300	Trench FS	Page109 T9	
GT450HF120T9S	1200	450	Trench FS	Page109 T9	
GT600HF120T9S	1200	600	Trench FS	Page109 T9	

 $V_{CES}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
沟槽型T系列-Trench T Series					
GT300HF170T9S	1700	300	Trench FS	Page109 T9	
GT450HF170T9S	1700	450	Trench FS	Page109 T9	
GT600HF170T9S	1700	600	Trench FS	Page109 T9	

Full Bridge (IGBT)

B1

 $V_{DSS}=100V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM500HF10B1S	100	500	0.93m Ω	Page103 B1	
MM700HF10B1S	100	700	0.67m Ω	Page103 B1	
MM900HF10B1S	100	900	0.53m Ω	Page103 B1	
MM1000HF10B1S	100	1000	0.40m Ω	Page103 B1	
MM1200HF10B1S	100	1200	0.33m Ω	Page103 B1	
MM1400HF10B1S	100	1400	0.29m Ω	Page103 B1	

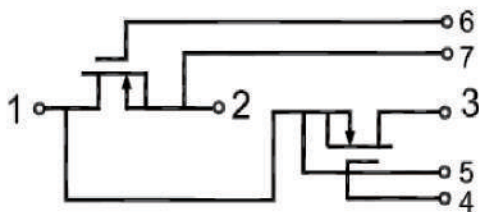
 $V_{DSS}=150V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM340HF15B1S	150	340	3.30m Ω	Page103 B1	with FRD
MM500HF15B1S	150	500	2.00m Ω	Page103 B1	with FRD
MM680HF15B1S	150	680	1.60m Ω	Page103 B1	with FRD
MM850HF15B1S	150	850	0.90m Ω	Page103 B1	with FRD

 $V_{DSS}=200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM450HF20B1S	200	450	2.00m Ω	Page103 B1	
MM550HF20B1S	200	550	1.60m Ω	Page103 B1	
MM650HF20B1S	200	650	1.30m Ω	Page103 B1	

Half Bridge (MOSFET)

T2L

 $V_{DSS}=100V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM500HF10T2LS	100	500	0.93m Ω	Page108 T2L	
MM700HF10T2LS	100	700	0.67m Ω	Page108 T2L	
MM900HF10T2LS	100	900	0.53m Ω	Page108 T2L	
MM1000HF10T2LS	100	1000	0.40m Ω	Page108 T2L	
MM1200HF10T2LS	100	1200	0.33m Ω	Page108 T2L	
MM1400HF10T2LS	100	1400	0.29m Ω	Page108 T2L	

 $V_{DSS}=150V$

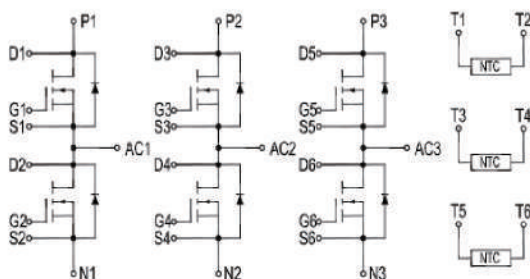
Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM340HF15T2LS	150	340	3.30m Ω	Page108 T2L	with FRD
MM500HF15T2LS	150	500	2.00m Ω	Page108 T2L	with FRD
MM680HF15T2LS	150	680	1.60m Ω	Page108 T2L	with FRD
MM850HF15T2LS	150	850	0.90m Ω	Page108 T2L	with FRD

 $V_{DSS}=200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MM450HF20T2LS	200	450	2.00m Ω	Page108 T2L	with FRD
MM550HF20T2LS	200	550	1.60m Ω	Page108 T2L	with FRD
MM650HF20T2LS	200	650	1.30m Ω	Page108 T2L	with FRD

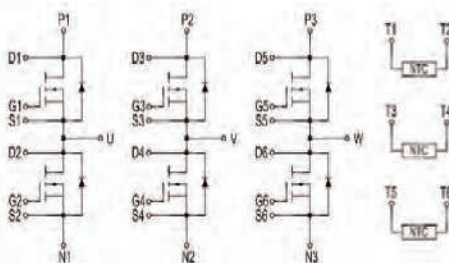
Full Bridge (SiC MOSFET)

C8

 $V_{DSS}=1200V$

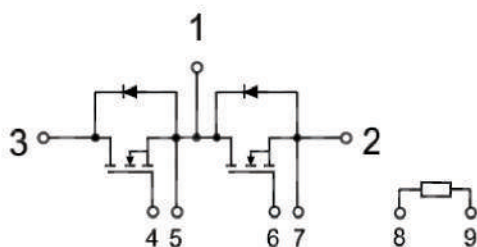
Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MSC510FF120C8S	1200	510	2.6m Ω	Page105/106 C8-S04/S17	
MSC620FF120C8S	1200	620	2.2m Ω	Page105/106 C8-S04/S17	
MSC720FF120C8S	1200	720	1.9m Ω	Page105/106 C8-S04/S17	

C8N

 $V_{DSS}=1200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC200FF120C8NS	1200	200	8.0m Ω	Page107/108 C8N-S04/S17	
MSC300FF120C8NS	1200	300	5.3m Ω	Page107/108 C8N-S04/S17	
MSC400FF120C8NS	1200	400	4.0m Ω	Page107/108 C8N-S04/S17	

Half Bridge (SiC MOSFET)

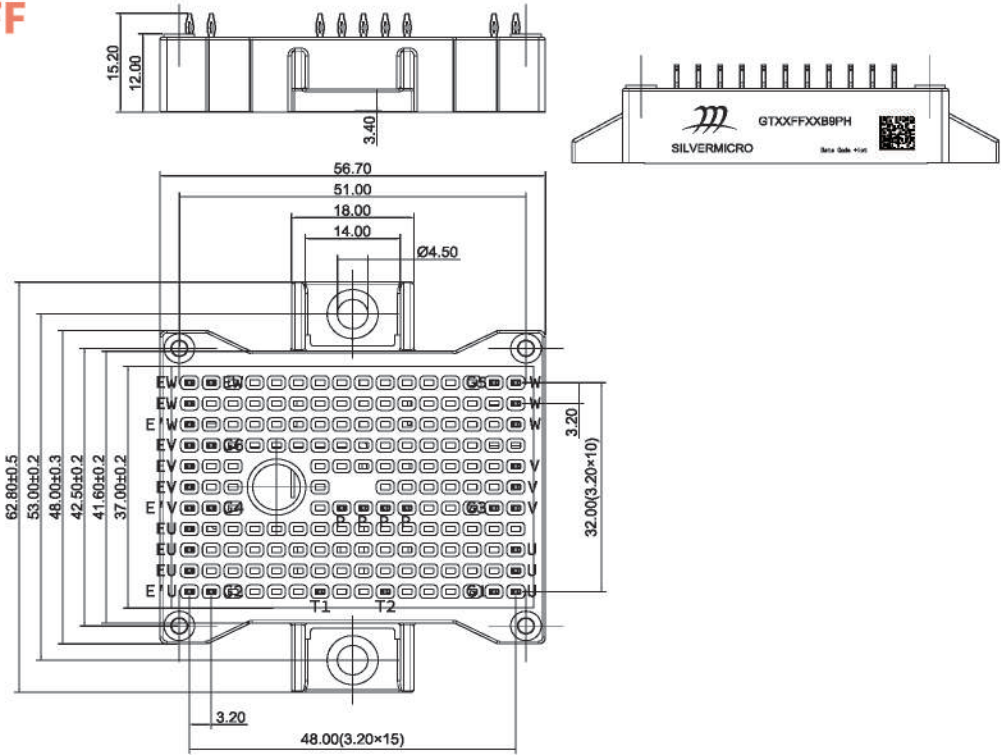
T2L **$V_{DSS}=1200V$**

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MSC120HF120T2LS	1200	120	13m Ω	Page108 T2L	With SiC FRD
MSC160HF120T2LS	1200	160	10m Ω	Page108 T2L	With SiC FRD
MSC240HF120T2LS	1200	240	6m Ω	Page108 T2L	With SiC FRD
MSC300HF120T2LS	1200	300	5m Ω	Page108 T2L	With SiC FRD

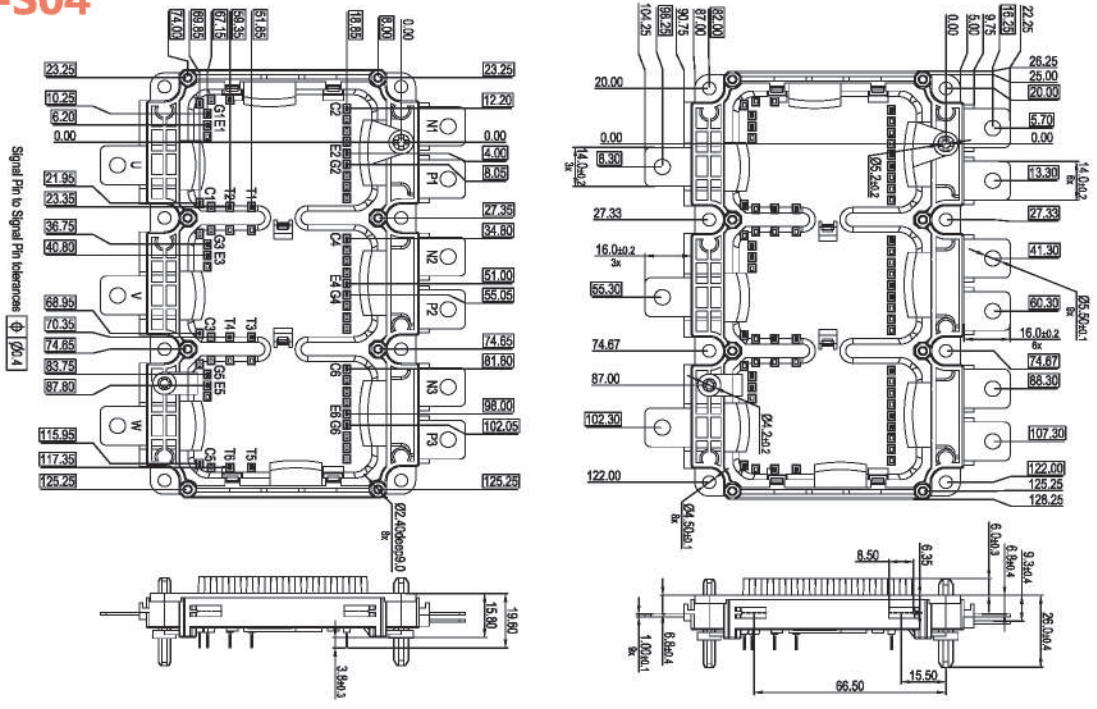
 $V_{DSS}=1700V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MSC300HF170T2LS	1700	300	8m Ω	Page108 T2L	With SiC FRD

B9P-FF

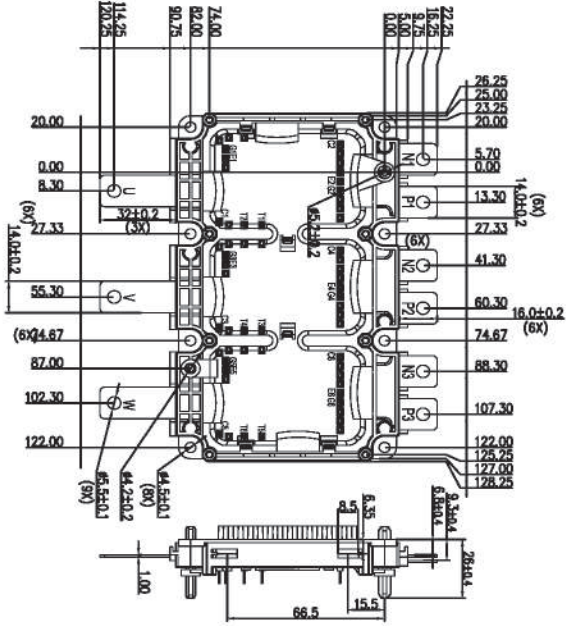
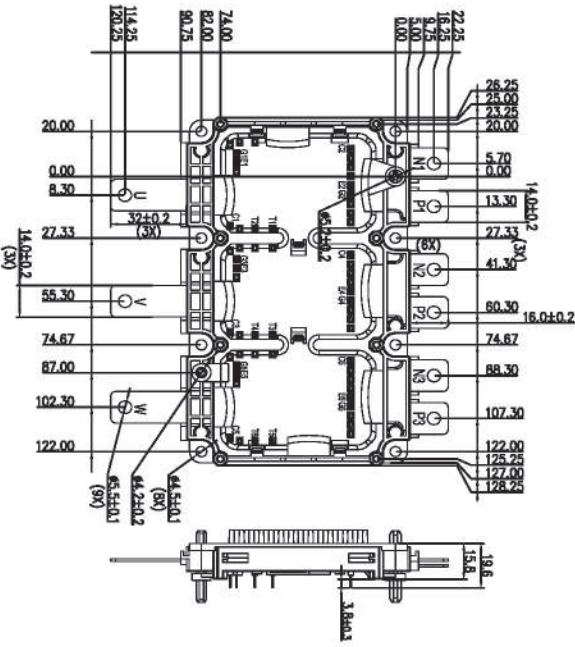


C8-S04



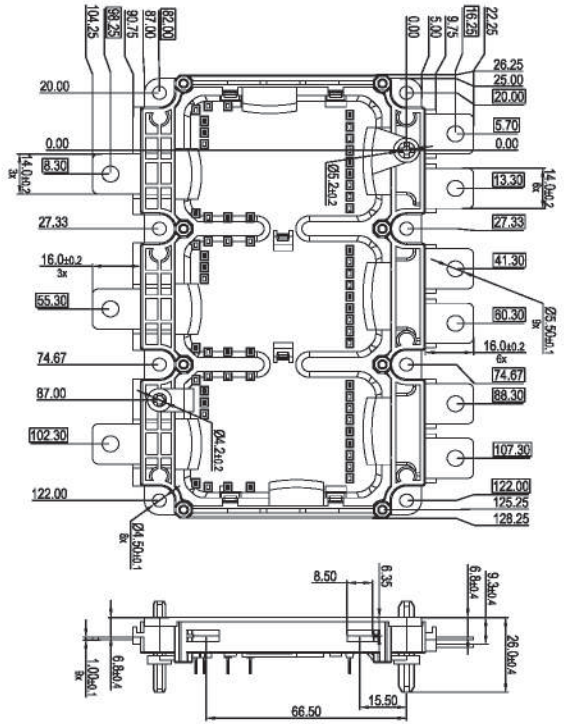
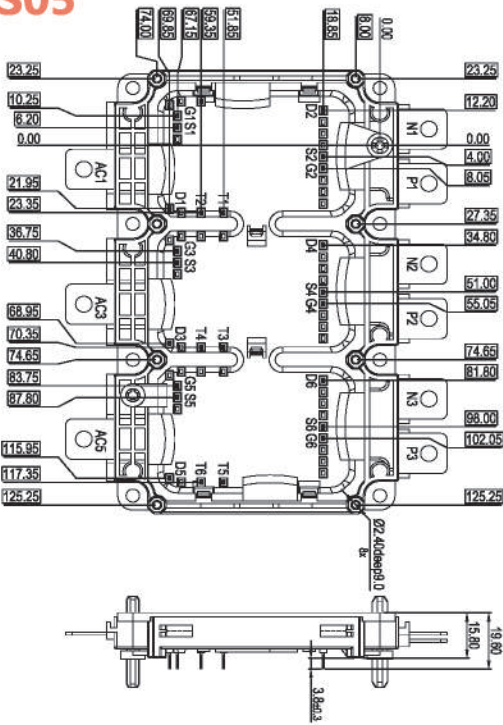
C8 S17

Signal Pin to Signal Pin tolerances ± 0.1

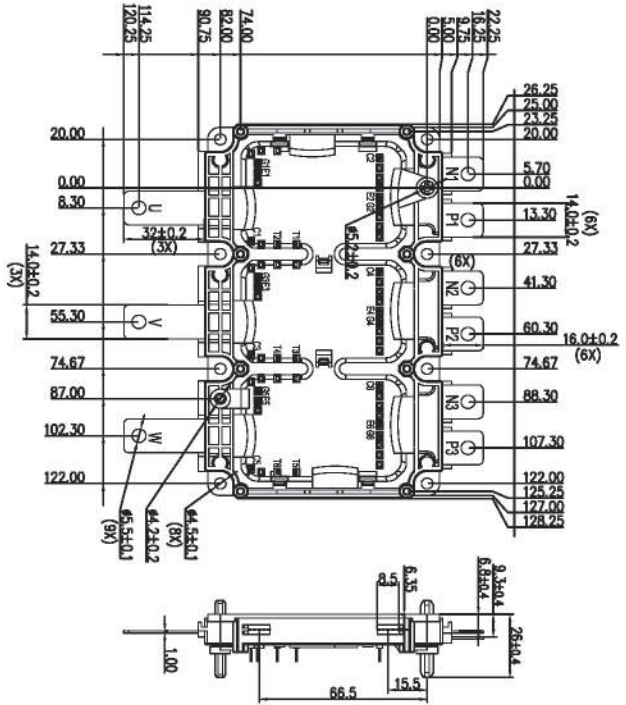
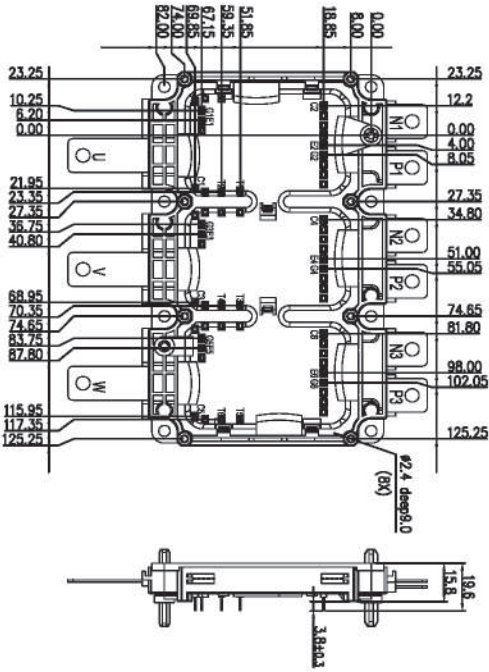


C8-S05

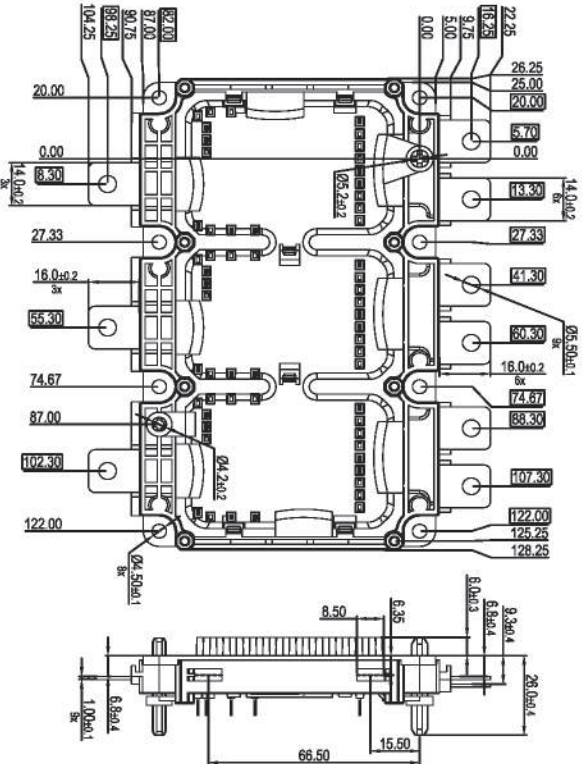
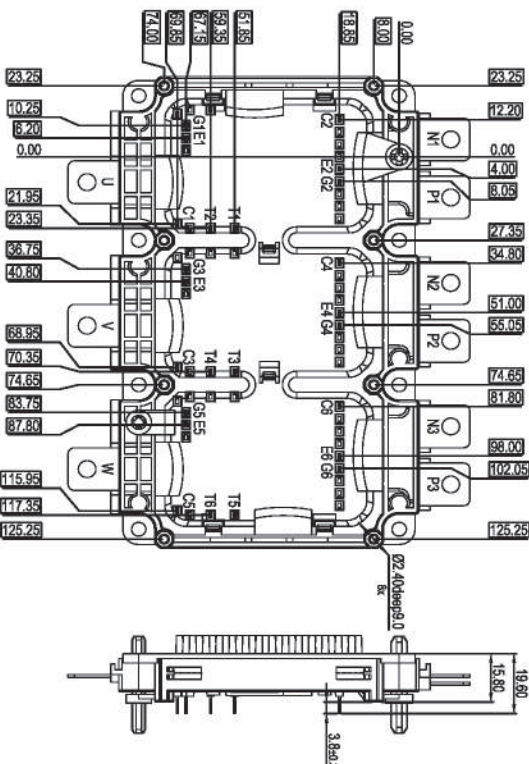
Signal Pin to Signal Pin tolerances ± 0.1



C8-S06

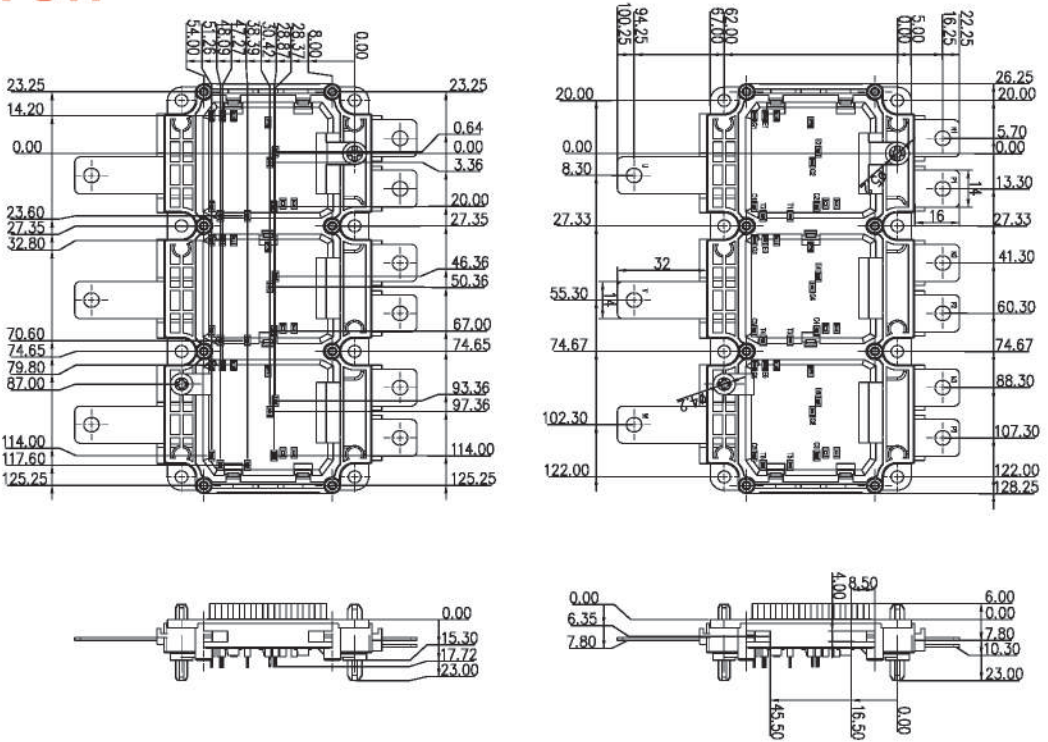


C8N-S04

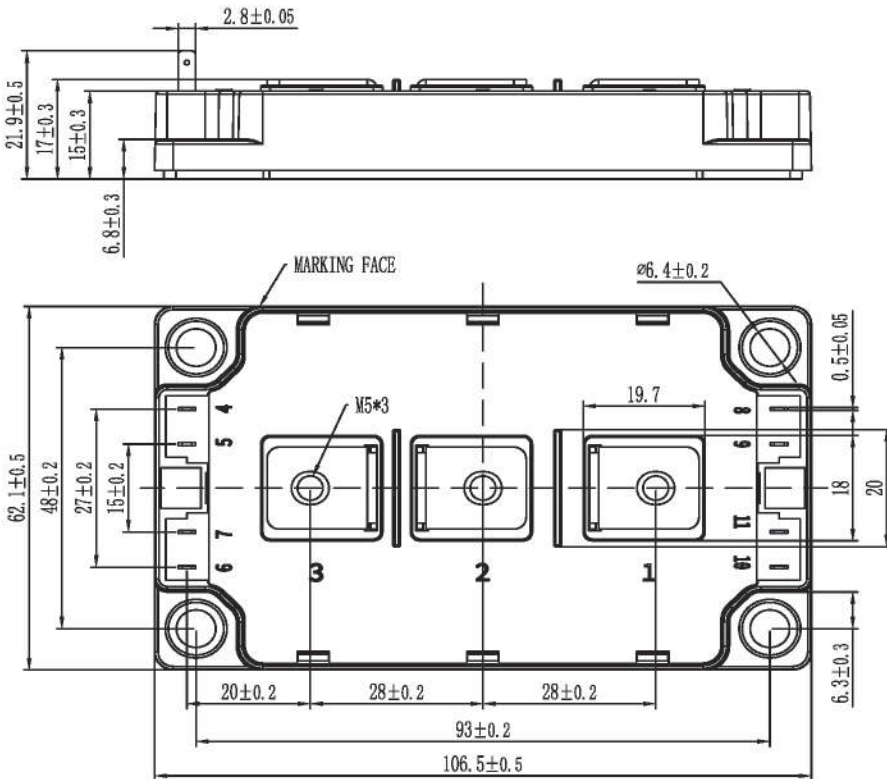


Signal Pin to Signal Pin Tolerances ± 0.1

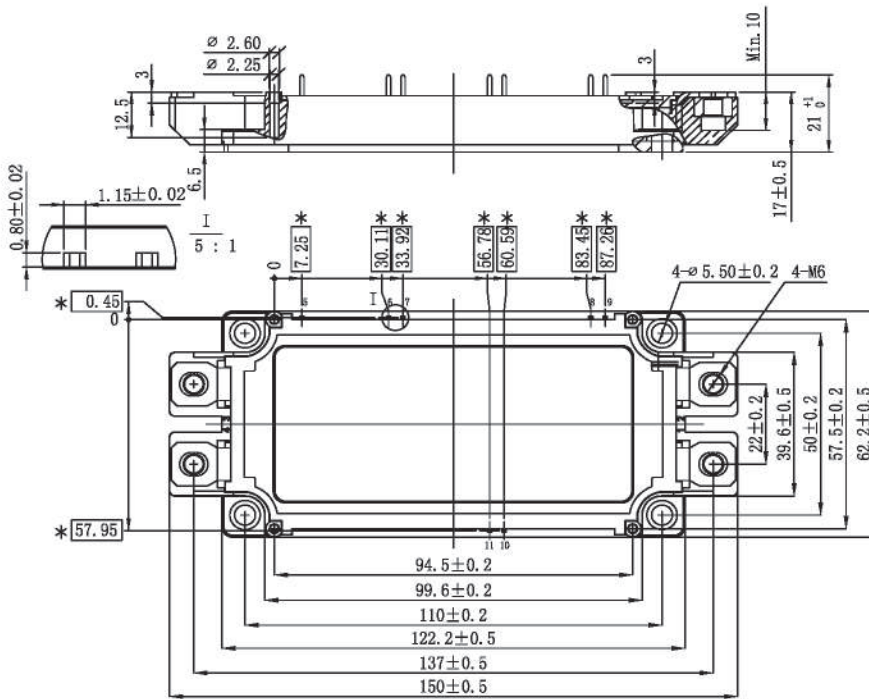
C8N-S17



T2L



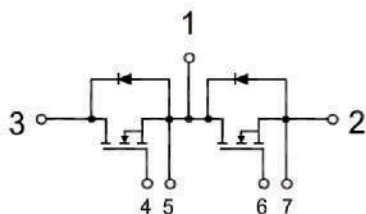
T9



*=all dimensions with tolerance of $\varnothing 0.5$

Half Bridge (SiC MOSFET)

T2N



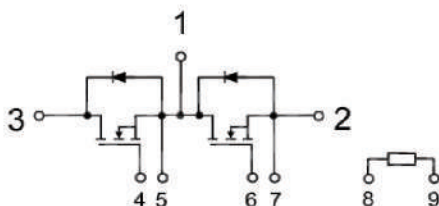
$V_{DSS}=1200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC120HF120T2NH	1200	120	13mΩ	Page118 T2N	With SiC FRD
MSC160HF120T2NH	1200	160	10mΩ	Page118 T2N	With SiC FRD
MSC240HF120T2NH	1200	240	6mΩ	Page118 T2N	With SiC FRD
MSC300HF120T2NH	1200	300	5mΩ	Page118 T2N	With SiC FRD

$V_{DSS}=1700V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC300HF170T2NH	1700	300	8mΩ	Page118 T2N	With SiC FRD

T2L

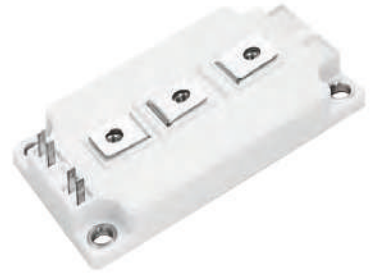
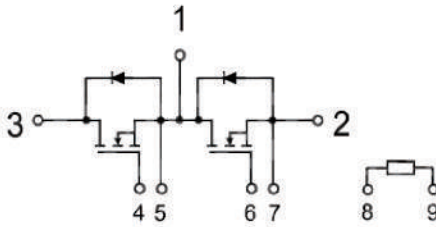


$V_{DSS}=1200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC120HF120T2LH	1200	120	13mΩ	Page117 T2L	With SiC FRD
MSC160HF120T2LH	1200	160	10mΩ	Page117 T2L	With SiC FRD
MSC240HF120T2LH	1200	240	6mΩ	Page117 T2L	With SiC FRD
MSC300HF120T2LH	1200	300	5mΩ	Page117 T2L	With SiC FRD

Half Bridge (SiC MOSFET)

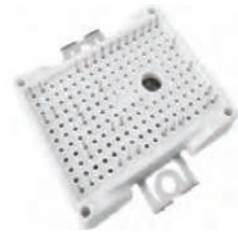
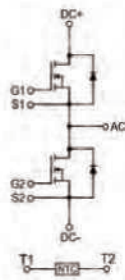
T2L



$V_{DSS}=1700V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC300HF170T2LH	1700	300	8mΩ	Page117 T2L	With SiC FRD

B9

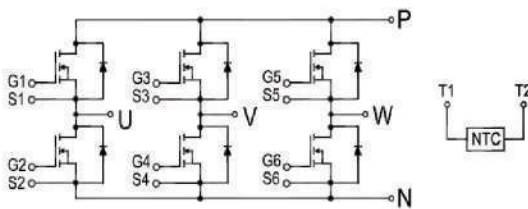


$V_{DSS}=1200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@10V	Package Outline	Comments
MSC150HF120B9H	1200	150	8.8mΩ	Page116 B9-HF	With SiC FRD

Full Bridge (SiC MOSFET)

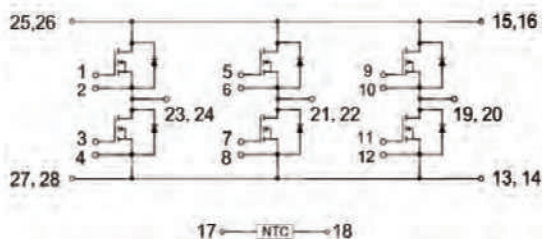
C7



$V_{DSS}=1200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC20FF120C7H	1200	20	80mΩ	Page117 C7-FF	With SiC FRD
MSC50FF120C7H	1200	50	25mΩ	Page117 C7-FF	With SiC FRD

Full Bridge (SiC MOSFET)

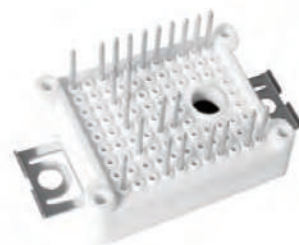
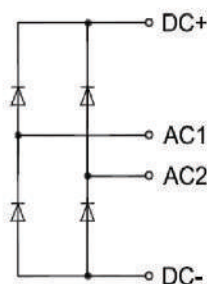
T5

 $V_{DSS}=1200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC20FF120T5H	1200	20	80mΩ	Page118 T5-FF	With SiC FRD
MSC50FF120T5H	1200	50	25mΩ	Page118 T5-FF	With SiC FRD

 $V_{DSS}=1700V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC50FF170T5H	1700	50	45mΩ	Page118 T5-FF	With SiC FRD

Single Phase Rectifier Bridge

B3

 $V_{DSS}=600V$

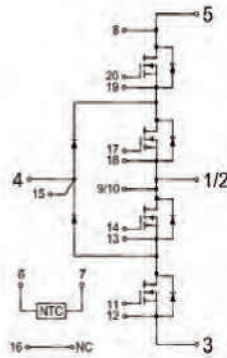
Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
RD30FH60B3H	600	30	SiC Schottky diode	Page115 B3-FH	

 $V_{DSS}=1200V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
RD30FH120B3H	1200	30	SiC Schottky diode	Page115 B3-FH	

Three level SiC MOSFET

A8

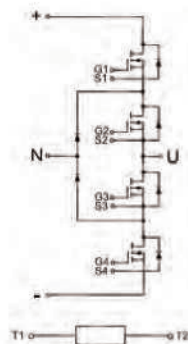


$V_{DSS}=650V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC150TL65A8H	650	150	10.0mΩ	Page115 A8	
MSC200TL65A8H	650	200	7.5mΩ	Page115 A8	
MSC300TL65A8H	650	300	4.4mΩ	Page115 A8	
MSC400TL65A8H	650	400	3.4mΩ	Page115 A8	

Three level SiC MOSFET

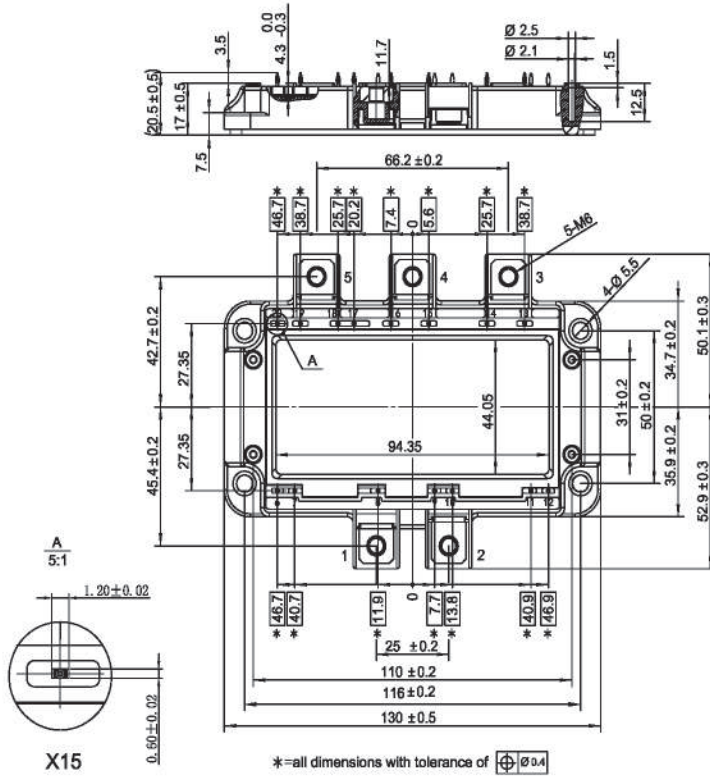
B9



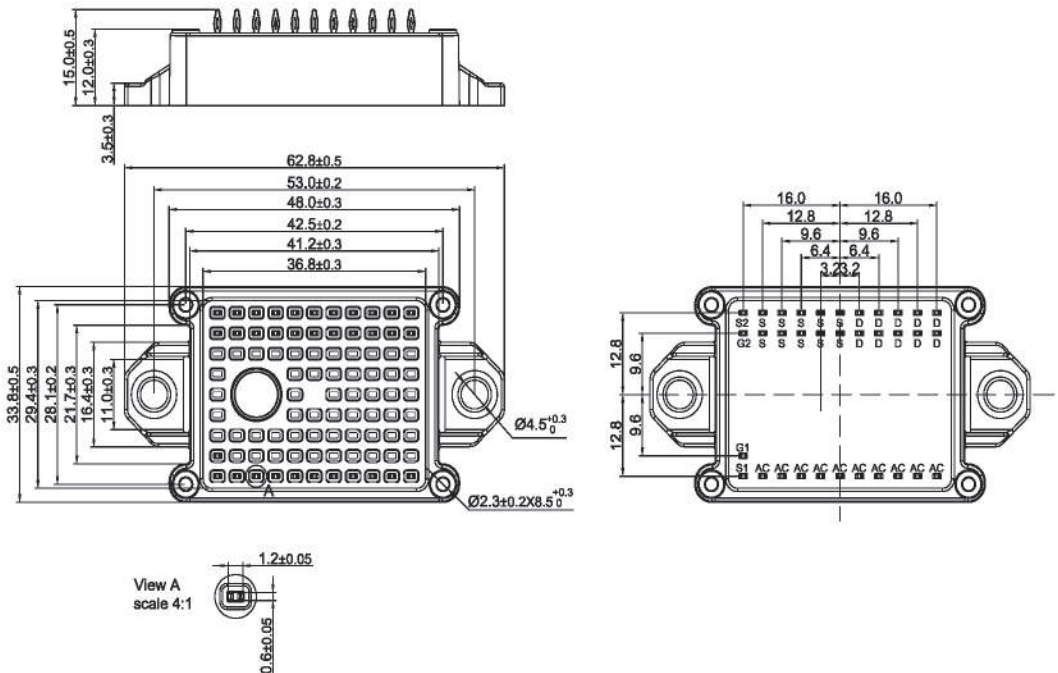
$V_{DSS}=650V$

Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MSC150TL65B9H	650	150	10mΩ	Page116 B9-TL	

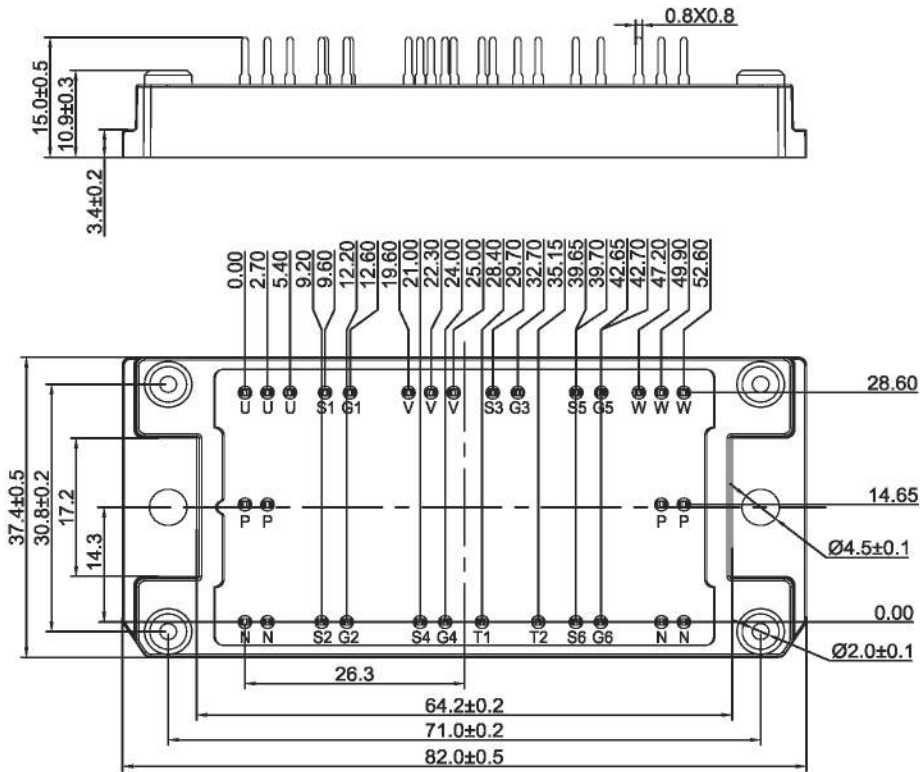
A8



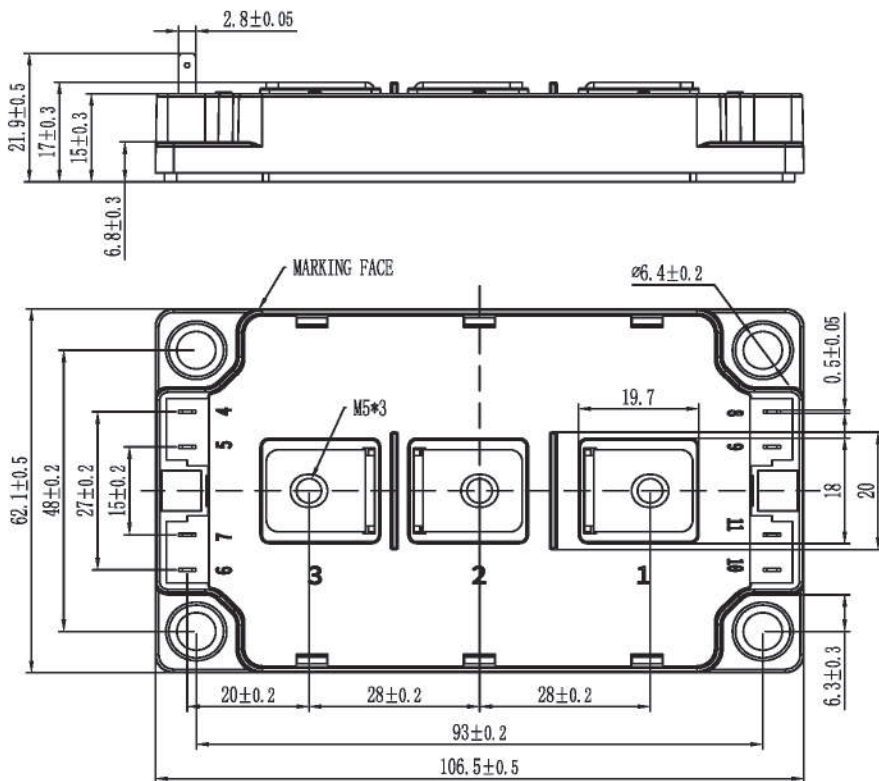
B3-FH



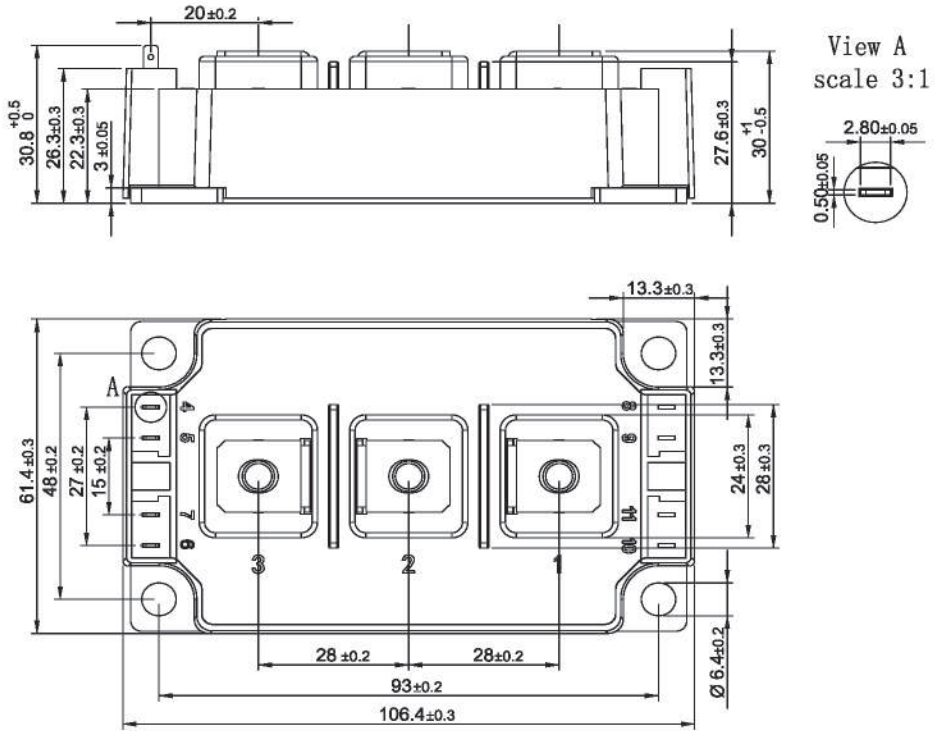
C7-FF



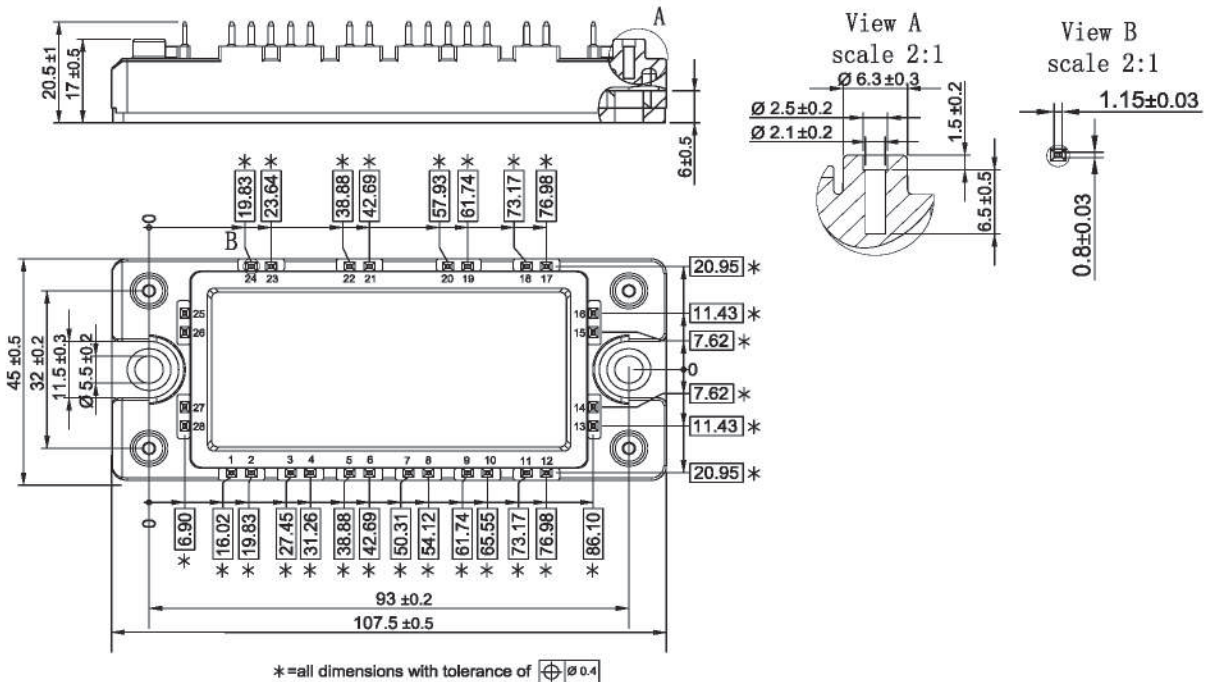
T2L



T2N

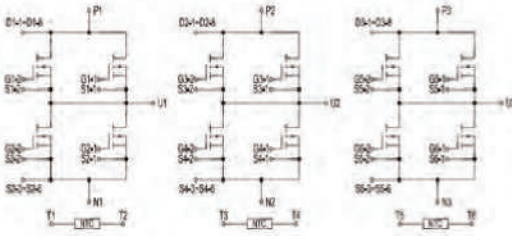


T5-FF



Full Bridge (GaN)

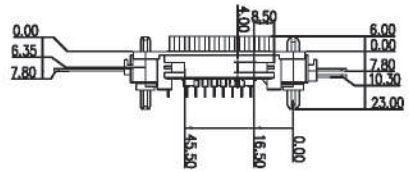
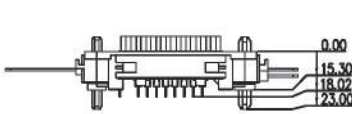
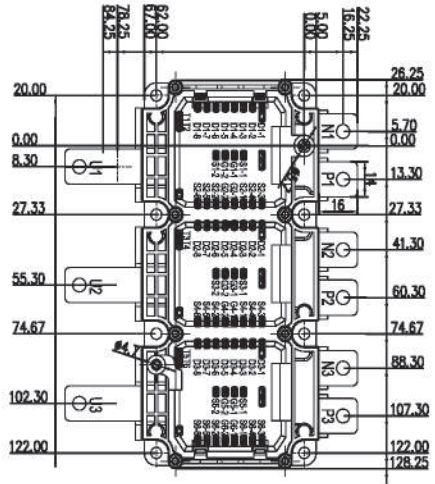
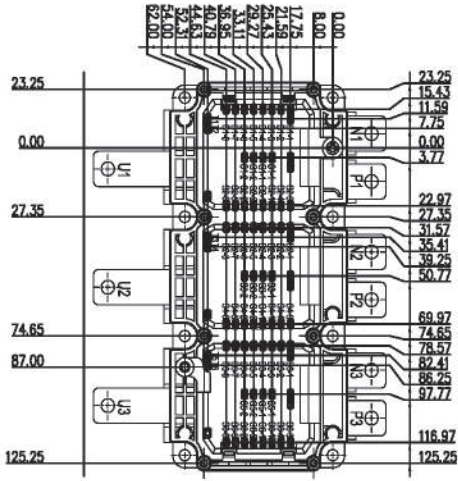
C8B



$V_{RRM}=650V$

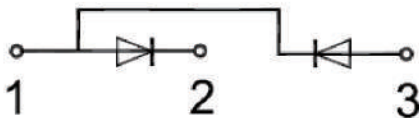
Part Number	Voltage(V)	Current(A)	RDS(on)@25°C	Package Outline	Comments
MGN300FF65C8BH	650	300	4mΩ	Page120 C8B-FF	

C8B



Half Bridge

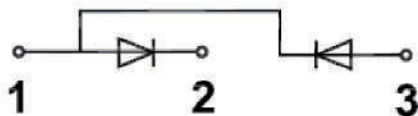
A9



$V_{RRM}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
DD100HF120A9H	1200	100	High Voltage Planar Diode	Page124 A9	fast recovery
DD150HF120A9H	1200	150	High Voltage Planar Diode	Page124 A9	fast recovery
DD200HF120A9H	1200	200	High Voltage Planar Diode	Page124 A9	fast recovery

T1W



$V_{RRM}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
DD100HF120T1WH	1200	100	High Voltage Planar Diode	Page124 T1W	fast recovery
DD150HF120T1WH	1200	150	High Voltage Planar Diode	Page124 T1W	fast recovery
DD200HF120T1WH	1200	200	High Voltage Planar Diode	Page124 T1W	fast recovery

$V_{RRM}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
DD100HF170T1WH	1700	100	High Voltage Planar Diode	Page124 T1W	fast recovery
DD150HF170T1WH	1700	150	High Voltage Planar Diode	Page124 T1W	fast recovery

Single Diode

A9 **$V_{RRM}=1200V$**

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
DD100SD120A9H	1200	100	High Voltage Planar Diode	Page124 A9	fast recovery
DD150SD120A9H	1200	150	High Voltage Planar Diode	Page124 A9	fast recovery
DD200SD120A9H	1200	200	High Voltage Planar Diode	Page124 A9	fast recovery
DD300SD120A9H	1200	300	High Voltage Planar Diode	Page124 A9	fast recovery

Single Diode

T1W **$V_{RRM}=1200V$**

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
DD100SD120T1WH	1200	100	High Voltage Planar Diode	Page124 T1W	fast recovery
DD150SD120T1WH	1200	150	High Voltage Planar Diode	Page124 T1W	fast recovery
DD200SD120T1WH	1200	200	High Voltage Planar Diode	Page124 T1W	fast recovery
DD300SD120T1WH	1200	300	High Voltage Planar Diode	Page124 T1W	fast recovery
DD400SD120T1WH	1200	400	High Voltage Planar Diode	Page124 T1W	fast recovery

Single Diode

T1W

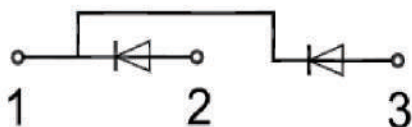


$V_{RRM}=1700V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
DD100SD170T1WH	1700	100	High Voltage Planar Diode	Page124 T1W	fast recovery
DD150SD170T1WH	1700	150	High Voltage Planar Diode	Page124 T1W	fast recovery
DD200SD170T1WH	1700	200	High Voltage Planar Diode	Page124 T1W	fast recovery
DD300SD170T1WH	1700	300	High Voltage Planar Diode	Page124 T1W	fast recovery

Common Cathode

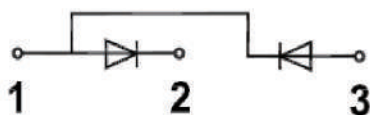
A9



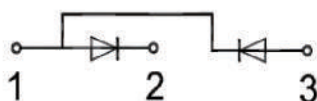
$V_{RRM}=1200V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
DD100CK120A9H	1200	100	High Voltage Planar Diode	Page124 A9	fast recovery
DD150CK120A9H	1200	150	High Voltage Planar Diode	Page124 A9	fast recovery
DD200CK120A9H	1200	200	High Voltage Planar Diode	Page124 A9	fast recovery

Half Bridge Rectifier Diode Modules

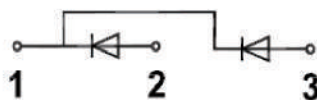
A9

 $V_{RRM}=1800V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD70HF180A9HJ	1800	70	Inside Moat Mesa Diodes	Page129 A9	
RD100HF180A9HJ	1800	100	Inside Moat Mesa Diodes	Page129 A9	
RD120HF180A9HJ	1800	120	Inside Moat Mesa Diodes	Page129 A9	

T1W

 $V_{RRM}=1800V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD165HF180T1WHJ	1800	165	Inside Moat Mesa Diodes	Page132 T1W	
RD200HF180T1WHJ	1800	200	Inside Moat Mesa Diodes	Page132 T1W	
RD230HF180T1WHJ	1800	230	Inside Moat Mesa Diodes	Page132 T1W	
RD300HF180T1WHJ	1800	300	Inside Moat Mesa Diodes	Page132 T1W	

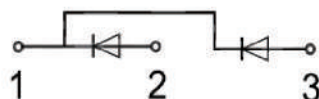
Common Cathode Rectifier Diode Modules

A9

 $V_{RRM}=1800V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD70CK180A9HJ	1800	70	Inside Moat Mesa Diodes	Page129 A9	
RD100CK180A9HJ	1800	100	Inside Moat Mesa Diodes	Page129 A9	
RD120CK180A9HJ	1800	120	Inside Moat Mesa Diodes	Page129 A9	

Common Cathode Rectifier Diode Modules

T1W

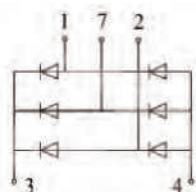


$V_{RRM}=1800V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD165CK180T1WHJ	1800	165	Inside Moat Mesa Diodes	Page132 T1W	
RD200CK180T1WHJ	1800	200	Inside Moat Mesa Diodes	Page132 T1W	
RD230CK180T1WHJ	1800	230	Inside Moat Mesa Diodes	Page132 T1W	
RD300CK180T1WHJ	1800	300	Inside Moat Mesa Diodes	Page132 T1W	

Three Phase Rectifier Bridge

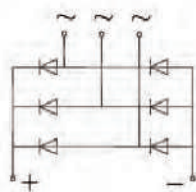
C1



$V_{RRM}=1800V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD30FF180C1HJ	1800	30	Inside Moat Mesa Diodes	Page129 C1	
RD50FF180C1HJ	1800	50	Inside Moat Mesa Diodes	Page129 C1	
RD75FF180C1HJ	1800	75	Inside Moat Mesa Diodes	Page129 C1	

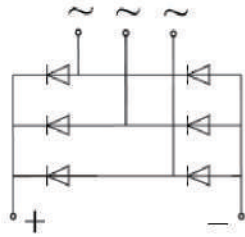
C2



$V_{RRM}=1800V$

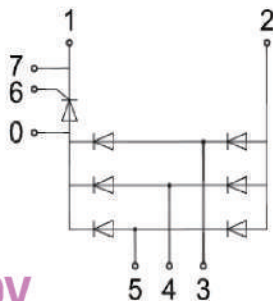
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD52FF180C2HJ	1800	52	Inside Moat Mesa Diodes	Page130 C2	
RD75FF180C2HJ	1800	75	Inside Moat Mesa Diodes	Page130 C2	
RD100FF180C2HJ	1800	100	Inside Moat Mesa Diodes	Page130 C2	
RD130FF180C2HJ	1800	130	Inside Moat Mesa Diodes	Page130 C2	

Three Phase Rectifier Bridge

C3

 $V_{RRM}=1800V$

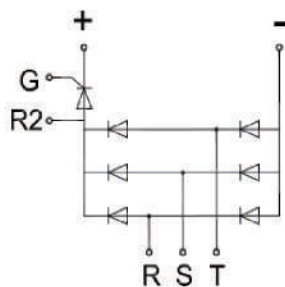
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD100FF180C3HJ	1800	100	Inside Moat Mesa Diodes	Page130 C3	
RD130FF180C3HJ	1800	130	Inside Moat Mesa Diodes	Page130 C3	
RD160FF180C3HJ	1800	160	Inside Moat Mesa Diodes	Page130 C3	
RD200FF180C3HJ	1800	200	Inside Moat Mesa Diodes	Page130 C3	
RD250FF180C3HJ	1800	250	Inside Moat Mesa Diodes	Page130 C3	

Three Phase Rectifier Bridge+Thyristor

C4

 $V_{RRM}=1800V$

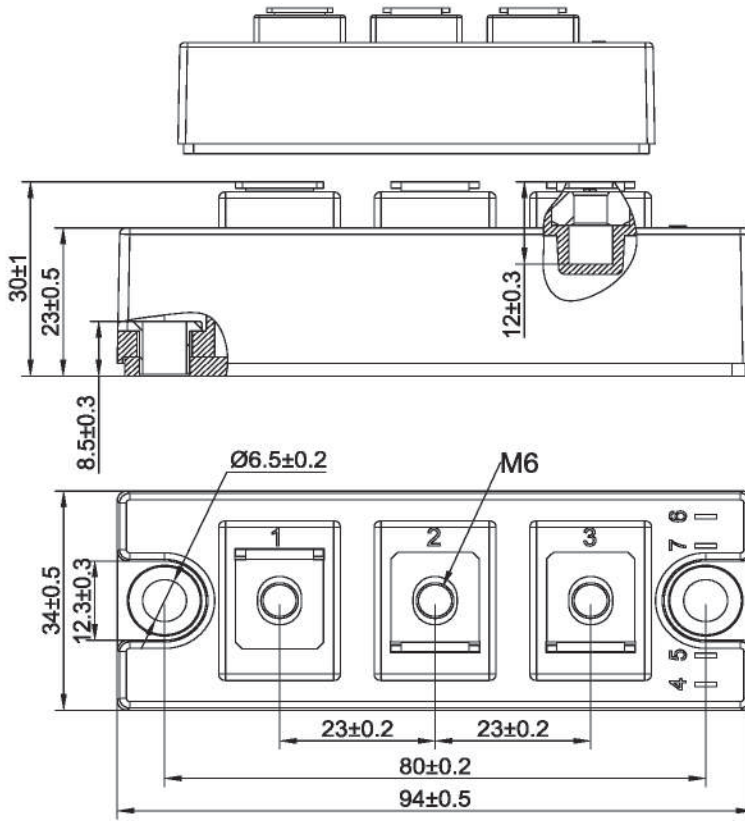

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD100FFS180C4HJ	1800	100	Inside Moat Mesa Diodes	Page131 C4	with SCR

Three Phase Rectifier Bridge+Thyristor

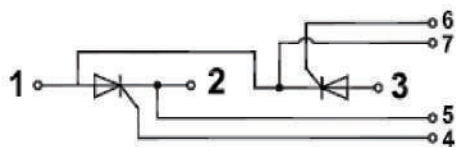
C5

 $V_{RRM}=1800V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RD150FFS180C5HJ	1800	150	Inside Moat Mesa Diodes	Page131 C5	with SCR
RD200FFS180C5HJ	1800	200	Inside Moat Mesa Diodes	Page131 C5	with SCR

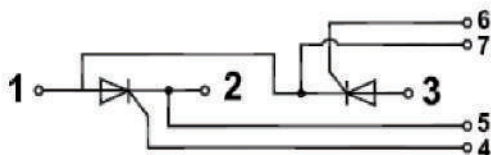
T1W



Half Bridge (SCR)

A9

 $V_{RRM} / V_{DRM} = 1800V$

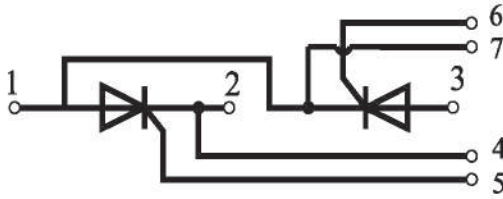
Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RS60HF180A9HJ	1800	60	Double Mesa Center Gate Structure Reverse Blocking High Voltage Thyristor	Page135 A9	
RS90HF180A9HJ	1800	90	Double Mesa Center Gate Structure Reverse Blocking High Voltage Thyristor	Page135 A9	
RS110HF180A9HJ	1800	110	Double Mesa Center Gate Structure Reverse Blocking High Voltage Thyristor	Page135 A9	

T1W

 $V_{RRM} / V_{DRM} = 1800V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RS130HF180T1WHJ	1800	130	Double Mesa Center Gate Structure Reverse Blocking High Voltage Thyristor	Page135 T1W	
RS160HF180T1WHJ	1800	160	Double Mesa Center Gate Structure Reverse Blocking High Voltage Thyristor	Page135 T1W	

Half Bridge (SCR)

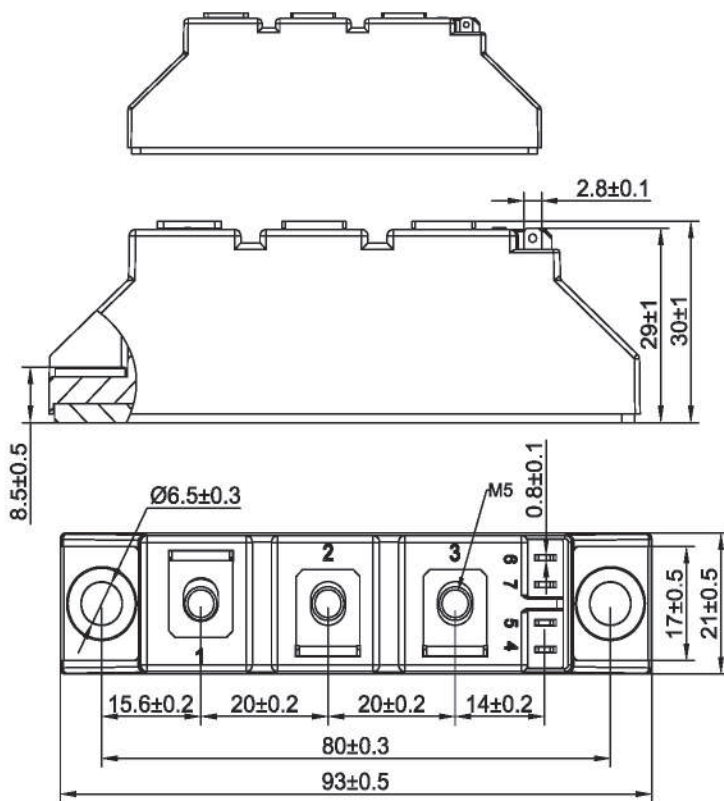
P2



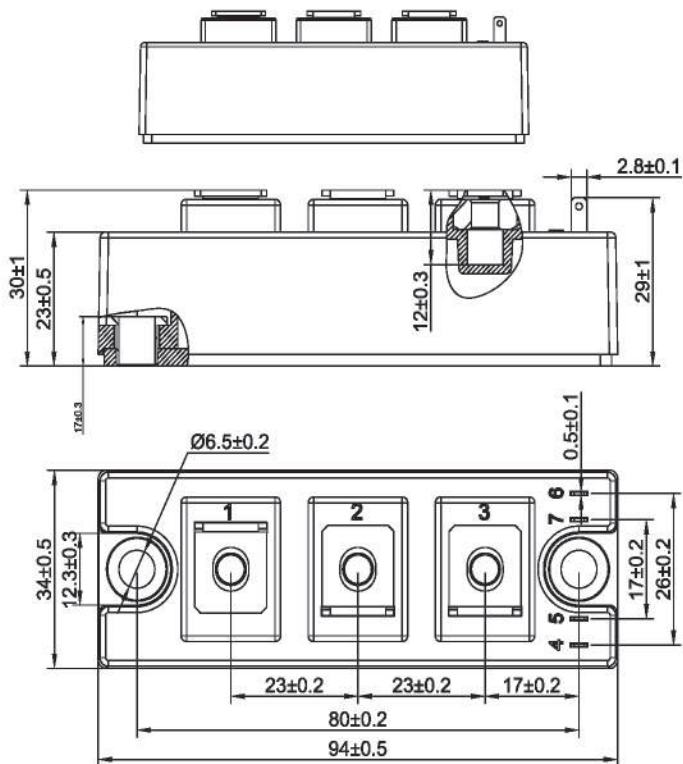
$V_{RRM} / V_{DRM} = 1800V$

Part Number	Voltage(V)	Current(A)	Technology	Package Outline	Comments
RS320HF180P2HJ	1800	320	Double Mesa Center Gate Structure Reverse Blocking High Voltage Thyristor	Page136 P2	

A9



T1W



P2

