

Snubber Capacitors Used for IGBT (Solder)

HUASING

HSA Series

应用Applications

- 适用于各种规格的IGBT缓冲吸收保护。
Used in applications of snubber protection of various.

产品描述Description of Products

- 引用标准GB/T17702, IEC61071,GB/T2693, IEC60384-1
Reference standard: GB/T17702, IEC61071,GB/T2693, IEC60384-1
- 聚丙烯介质无感式卷绕;
Polypropylene dielectric non-inductive winding.
- 具有低的ESR和高的dv/dt特性;
Low ESR and high dv/dt.
- 可承受很大的峰-峰值电流Ipp和有效值电流Irms;
Withstanding very high peak to peak value of current Ipp and Irms



GENERAL TECHNICAL CHARACTERISTICS

Reference standards	IEC 61071
Climatic category	40/85/56
Dielectric	Polypropylene film
Features	Low ESR,Low Ls,high du/dt
Case	Plastic Box

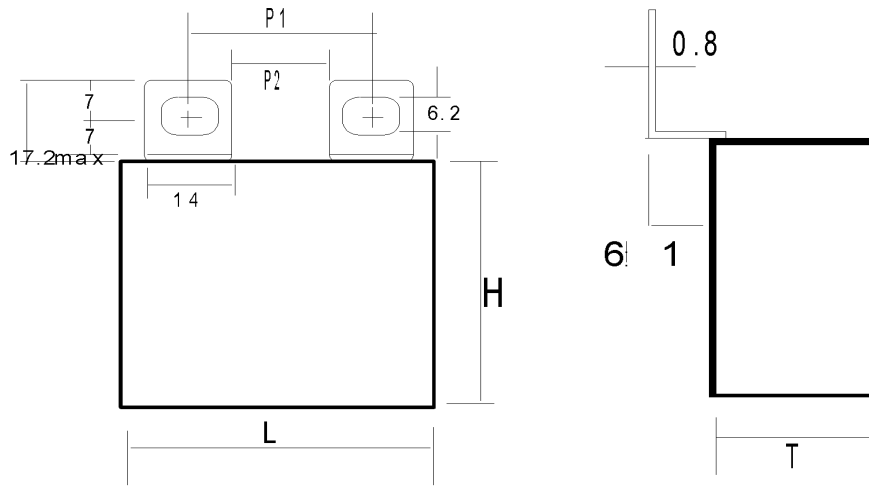
ELECTRICAL CHARACTERISTICS

Working temperature	-40 to + 85°C(max hotspot≤70°C)
Storage temperature	-40 to + 85°C
Capacitance	0.047 to 10μF
Rated Voltage	700 to 3000 Vdc
Dissipation factor	<0.0005(1k Hz 20± 5°C)
Tolerance	± 5%(J) ± 10%(K)
Life expectancy	100,000 hours at Un and 70°C

TEST METHODS AND PERFORMANCES

Insulation resistance :	30,000s but need not exceed 30GΩ after 1 minute of electrification at 100Vdc (25±5°C)
Test voltage terminal to case :	3 KV 50Hz for 60 sec
Dielectric strength:	1.5Ur (DC) applied for 10s at 25±5°C

Outline drawing



Style C

Style	C1	
L	P1	P2
42.5	23-28	11

Electrical specifications, ordering codes

Cap (μF)	Dimension(mm)			dv/dt (v/ μs)	Ipeak A	Irms max@25°C @10kHz	ESR @10kHz (m Ω)	Part Number
	L	T	H					
Ur 1000Vdc, Urms 480Vac, Upk 1400Vdc								
1.0	42.5	22.0	30.0	480	480.0	12.0	8.0	HSA105K102C1A