

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: 2754

SAMPLE NO: 260120611

DDY PART NO: CB0420P-7R0M-U-1-HF

CUST P/N:

DESCRIPTION: FERRITE BAR COILS

DRAWING		
MADE	CHECKED	APPROVED
严泽禧	黄积有	周光军
DATE: 2026年1月21日		

CUSTOMER APPROVE

CUSTOMER:	2754	REV NO:	A
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CUST P/N:		SN.	260120611
PART NO:	CB0420P-7R0M-U-1-HF	DATE:	2026/1/21

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1. SHAPES AND DIMENGSIONS (UNIT:mm)		ELECTRICAL SCHEMATICS	
TURN: 21Ts REF		SPEC.(mm)	
		A	26.0 MAX
		B	7.5 MAX
		C	32.0±2.0
		D	0.80±0.1
注：顺绕,套热缩胶管。			

2. ELECTRICAL SPECIFICATION & TEST INSTRUMENTS@25°C			
ITEM	SPEC. RANGE	TEST CONDITION	TEST INSTRUMENTS
L	7.0uH±20%	1MHz/1V	TH2828
DCR	22mΩ MAX	25°C	502BC
Isat	8A	LDrop≤10% 10KHz/0.25V	TH1778A+TH2829A
Irms	6A	△T≤40°C	TH1778A+TH2829A
fres	70MHz (TYP.)		HP-E4991A

3. PART NUMBERING SYSTEM		
CB □□□□ - □R□ □ - □□ 1 2 3 4 5 1 2 3 4 5 PRODUCT SYMBOL (产品代号) DIMENSIONS (规格尺寸) INDUCTANCE (电感量) TOLERANCE (公差) : J±5%; K±10%; L±15%; M±20%; P±25%; N±30% E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free		
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周光军	黄积有	严泽禧

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4. TEST DATA OF ELECTRICAL CHARACTERISTIC

ELECTRICAL CHARACTERISTIC				DIMENSIONS(mm)							
TEST ITEM	L	DCR	Isat	A	B	C	D				
	1MHz/1V	25°C	LDrop≤10% 10KHz/0.25V	(mm)	(mm)	(mm)	(mm)				
CON.				26.0 MAX	7.5 MAX	32.0±2 .0	0.80±0. 1				
SPEC.	7.0uH±20%	22mΩ MAX	8A								
1	6.69	16.50	OK	25.60	6.19	31.92	0.80				
2	6.70	16.80	OK	25.37	6.17	33.21	0.80				
3	6.68	16.80	OK	24.98	6.20	33.00	0.80				
4	6.66	16.70	OK	25.00	6.18	31.86	0.80				
5	6.69	16.80	OK	25.13	6.18	31.96	0.80				
6											
7											
8											
9											
10											
X	6.68	16.72		25.22	6.18	32.39	0.80				
R	0.04	0.30		0.62	0.03	1.35	0.00				

综合判定:

COLLIGATION DETERMINANT:

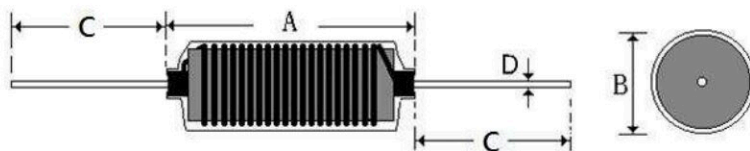


OK



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外观尺寸图

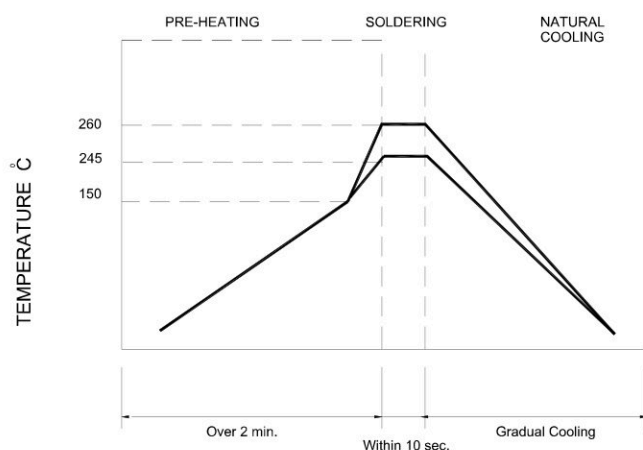


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5.Soldering Conditions

Wave Soldering:



Note:

- Never contact the ceramic with the iron tip
- 1.0mm tip diameter (max)

6. MATERIAL LIST

NO	ITEM	DESCRIPTION	SUPPLIER	RATING	UL File
1	CORE	LH14 RSS 4×20	SU MEI ER		
		OR EQUIVALENT			
2	WIRE	2UEW/F Φ0.70mm	HOILUEN	155°C	E164409
		OR EQUIVALENT			
3	PIN	TCW Φ0.80mm	MING TONG		
		OR EQUIVALENT			
4	TUBE	T-2 UL透明扁管	QUAN TAI	125°C	E227336
		OR EQUIVALENT			
5	EPOXY	DZ-5-10 Black(接脚胶水)	J D S		

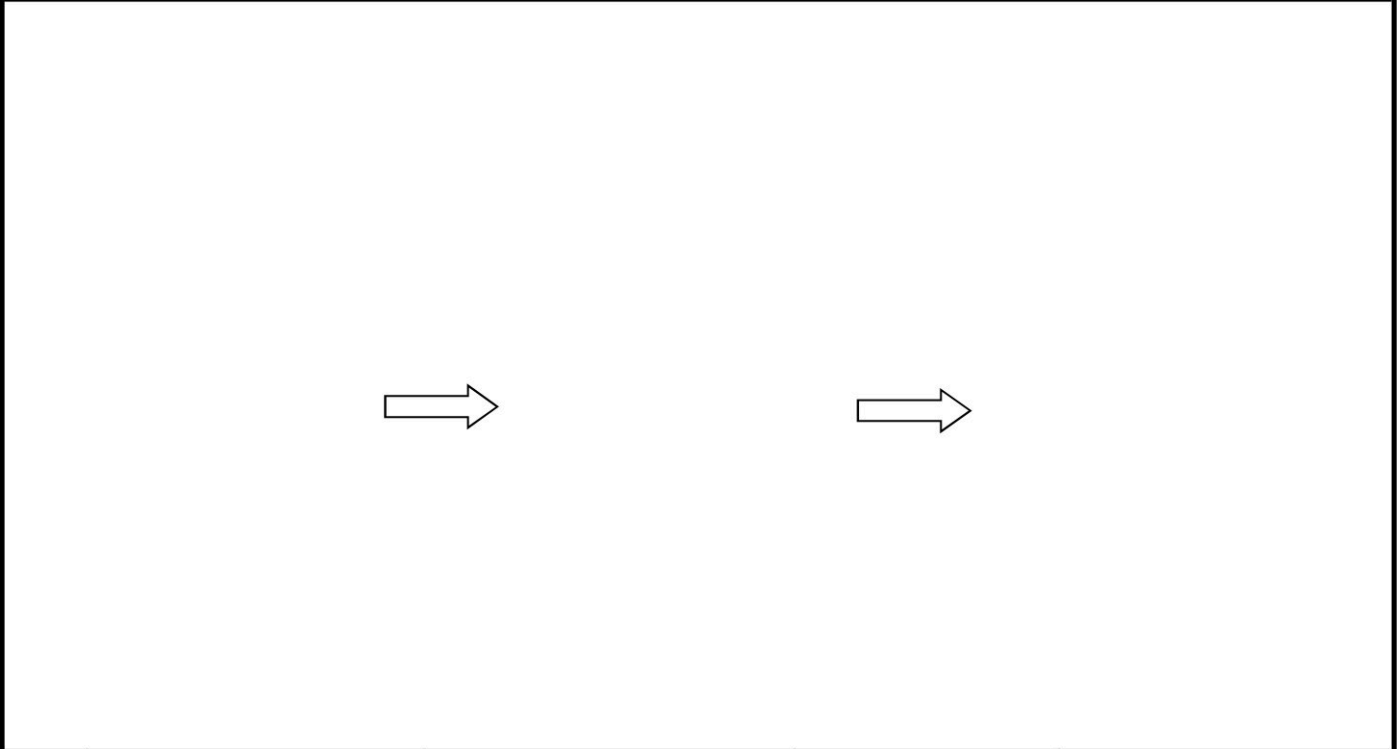
REMARK:

1. Operation temperature : -40 ~ +105°C (Including coil temperature rise)
2. Storage temperature range from -25°C to +85°C

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7.PACKAGE SPECIFICATION



NO.	Packaging Materials	ReferenceDimension	Material	Quantity
1				
2				

备注:包装待定

8.REMARK:

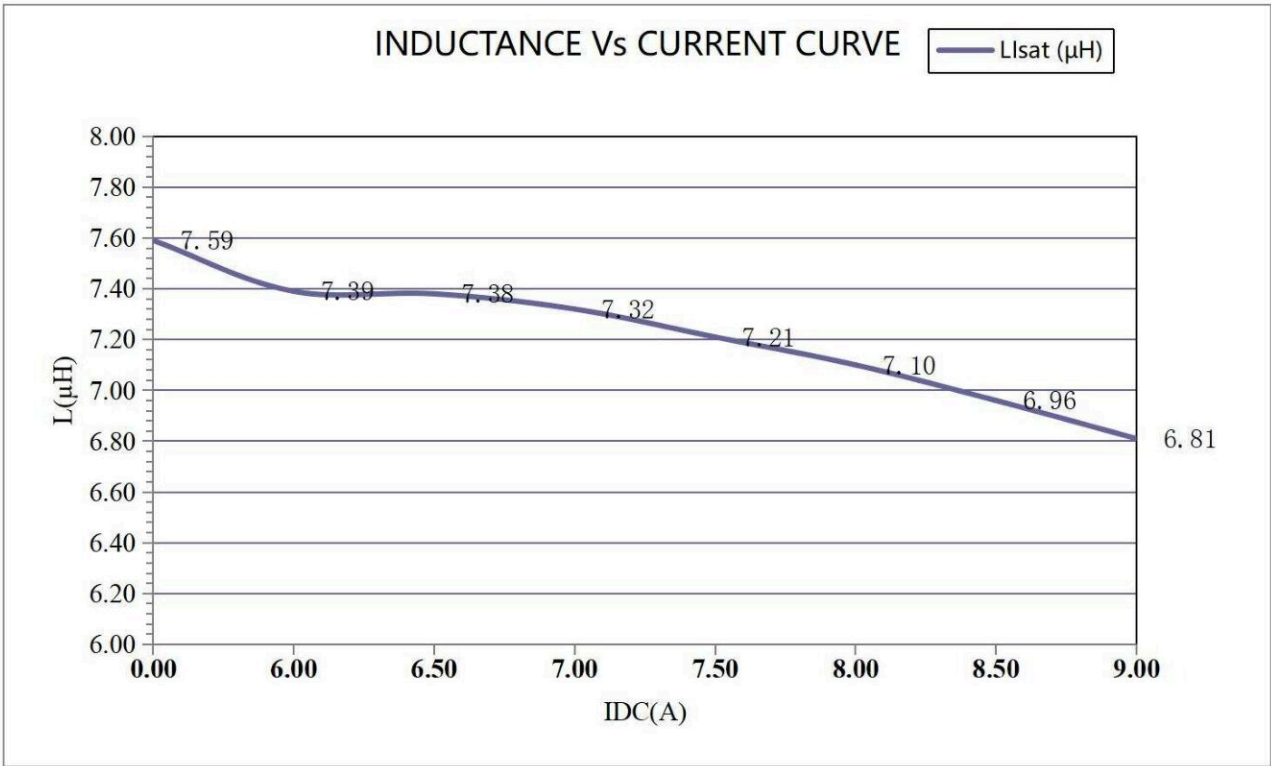
成品单重:2.87g
特记事项:
此产品为非车规认证产品

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9.ELECTRICAL CHARACTERISTIC CURVE----L 、 ΔT vs I (A)

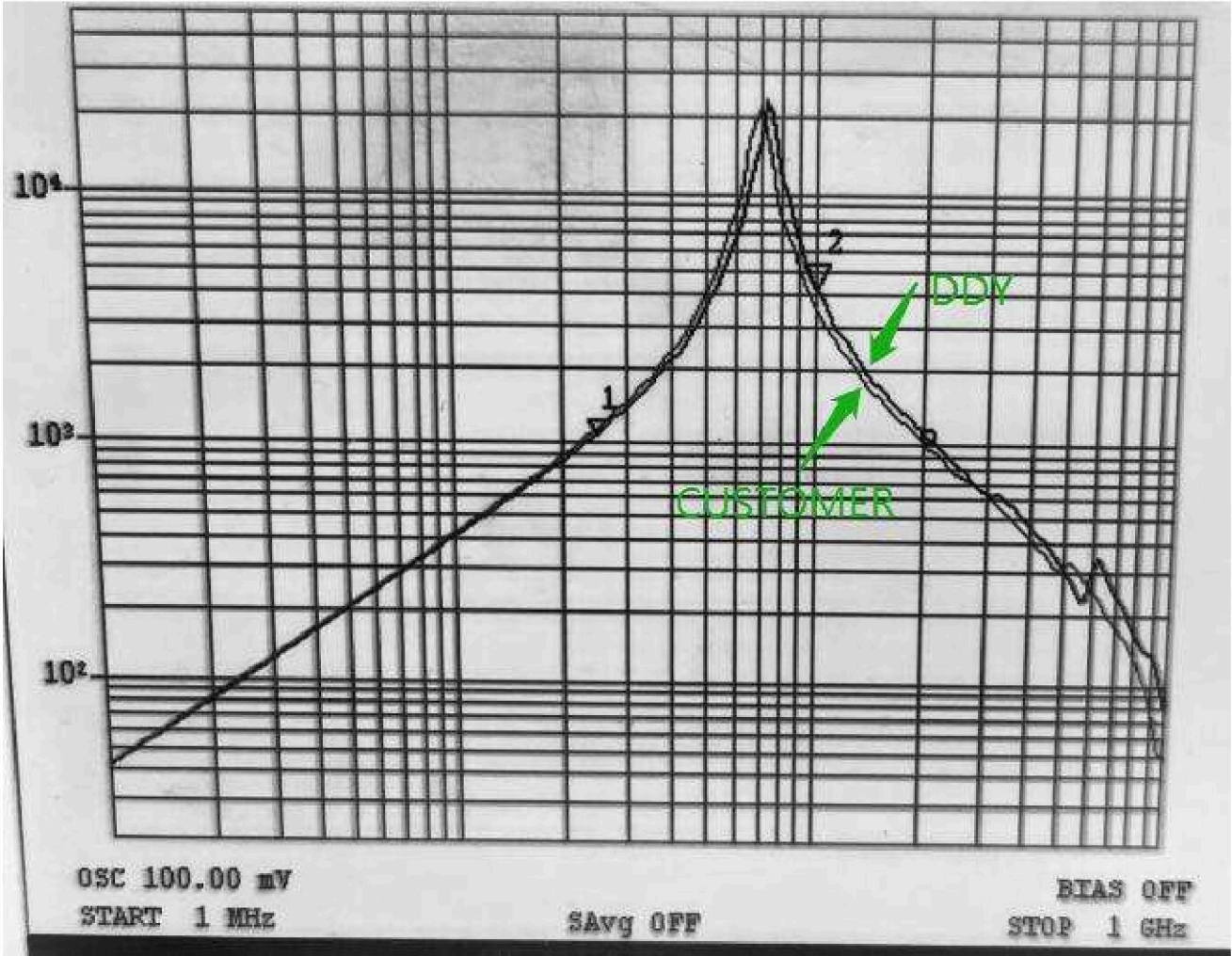
Inductances (μH) VS Direct current (A); Direct Current(A)													
CURRENT(A)	0.0	6.0	6.5	7.0	7.5	8.0	8.5	9.0					
LIsat (μH)	7.59	7.39	7.38	7.32	7.21	7.10	6.96	6.81					
Drop%	0.00%	2.64%	2.77%	3.56%	5.01%	6.46%	8.30%	10.28%					



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10.IMEDANCE vs FREQ. CURVE



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