

APPROVED SHEET

CUSTOMER:

CUSTOMER P/N:

JWD P/N:

CS-0805A Series

REV:

R0

DESCRIPTION:

WIRE WOUND CHIP INDUCTOR

CUSTOMER APPROVAL		COMPANY APPROVAL	
INSPECTED BY:		ISSUED BY:	Fuming, Chen
CHECKED BY:		CHECKED BY:	Mingrui, Song
APPROVED BY:		APPROVED BY:	Focus Wang
APPROVED DATE:		ISSUED DATE:	2023/10/24

Please Return One Copy to Us After Approved,TKS! (承认后请回寄一份,谢谢)

四川经纬达科技集团有限公司

Sichuan Jingweida Technology Group Co., Ltd

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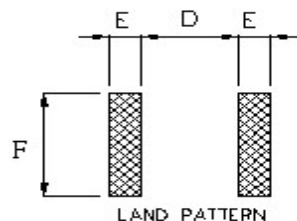
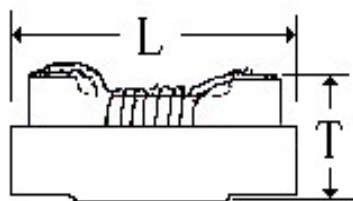




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A. MECHANICAL(unit:mm)



CODE	L	W	T	E	F	D
DIMENSION	2.29MAX	1.73MAX	1.52MAX	1.02Typ.	1.78Typ.	0.76Typ.

B. PART NUMBERING SYSTEM

CS - 0805 A - 39N J 0

1 - 2 3 - 4 5 6

1 PRODUCT SYMBOL (产品代号)

2 DIMENSIONS (规格尺寸)

3 STRUCTURED (结构编码)

4 INDUCTANCE (电感量)

5 TOLERANCE (产品公差) : G $\pm$ 2%; S $\pm$ 3%; J $\pm$ 5%; K $\pm$ 10%; L $\pm$ 15%; M $\pm$ 20%

6 色点标识: “0”表示无色点

C.GENERAL SPECIFICATION

1. Rating DC current: Temperature rise(ΔT) is 40°C approximately at Irms.

2.Operating temp.: -40°C~ +85°C

3.Storage temp.: -10°C ~ +40°C R.H.: 65% Max

4.Moisture sensitivity level (MSL) 2 (1 year floor life at <30°C/65% relative humidity)

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D. Electrical Characteristics List

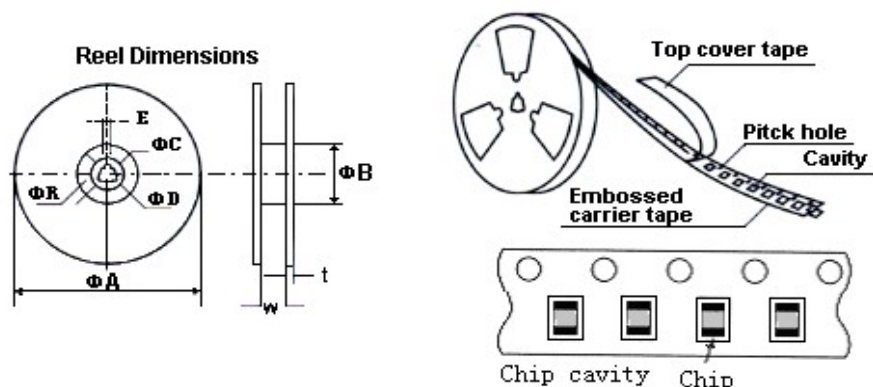
NO.	Part Number	L	Freq	Q	Self-resonant Frequency	Rdc	Rated Current	产品公差	Color Coding
		(nH)	(MHz)	Min	(MHz)Min	(Ω) Max	(mA) Max		
1	CS-0805A-2N8□□	2.8	250	80	12200	0.06	800	S,J,K,M	0
2	CS-0805A-3N3□□	3.3	250	50	12200	0.08	600	G,J,K,M	0
3	CS-0805A-5N6□□	5.6	250	65	5900	0.08	600	S,K,M	0
4	CS-0805A-10N□□	10	250	60	4300	0.1	600	S,J,K,M	0
5	CS-0805A-R10□□	100	150	65	1250	0.46	400	S,J,K,M	0
6	CS-0805A-1R0□□	1000	7.9	20	60	3.2	170	S,J,K,M	0
7	CS-0805A-R12□□	120	150	50	1100	0.51	400	S,J,K,M	0
8	CS-0805A-15N□□	15	250	50	3200	0.17	600	S,J,K,M	0
9	CS-0805A-18N□□	18	250	50	3100	0.2	600	S,J,K,M	0
10	CS-0805A-22N□□	22	250	55	2600	0.22	500	J,K,M	0
11	CS-0805A-R22□□	220	100	50	820	0.7	400	G,J,K,M	0
12	CS-0805A-27N□□	27	250	55	2580	0.25	500	G,J,K,M	0
13	CS-0805A-33N□□	33	250	60	2150	0.27	500	G,J,K,M	0
14	CS-0805A-39N□□	39	250	60	2000	0.29	500	G,J,K,M	0
15	CS-0805A-43N□□	43	200	60	1800	0.34	500	G,J,K,M	0
16	CS-0805A-R47□□	470	50	33	375	1.76	250	G,J,K,M	0
17	CS-0805A-56N□□	56	200	60	1600	0.34	500	G,J,K,M	0
18	CS-0805A-R68□□	680	25	23	310	2.2	190	S,J,K,M	0
19	CS-0805A-82N□□	82	150	65	1330	0.42	400	S,J,K,M	0
20	CS-0805A-R82□□	820	25	23	310	2.35	180	S,J,K,M	0
21	CS-0805A-R56□□	560	25	23	330	2	640	S,J,K,M	0
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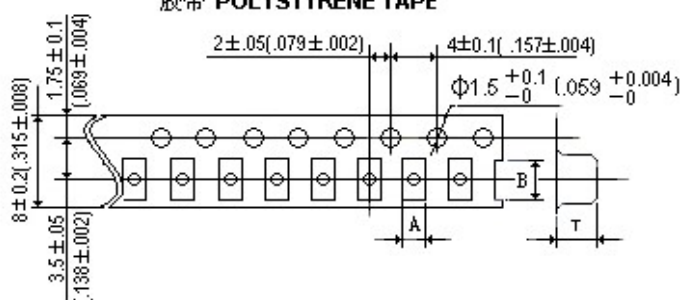
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E. PACKAGE INFORMATION



胶带 POLYSTYRENE TAPE



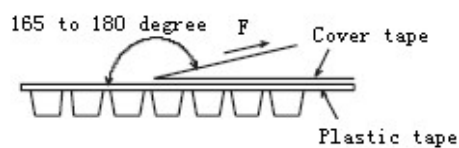
Peeling off force

Pull strength

0402~1210:20g~80g

Speed of peeling off:

300mm/min $\pm$ 10%



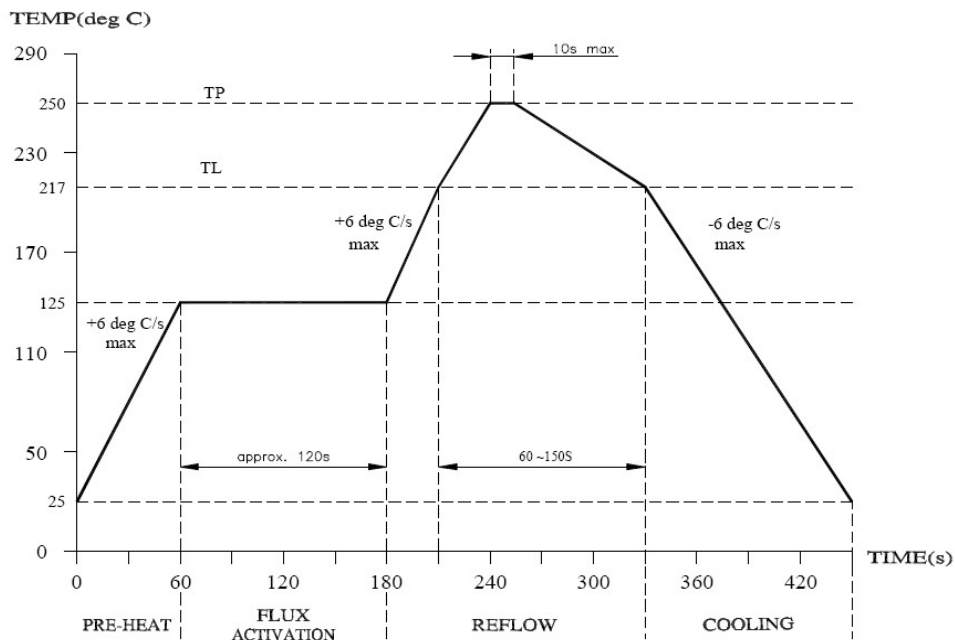
0805 胶带	A	B	T	ΦA	ΦB	ΦC	ΦD	E	W	t
	1.85	2.4	1.45	178	60	13	21	2	8.4	2

Package Quantity:One Reel=2K Pcs

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F. RECOMMEND REFLOW SOLDERING CURVE



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