

深圳市方磁電子有限公司
SHENZHEN FOUNDS ELECTRONICS CO., LTD

【物料承認書】

APPROVAL SHEET

客戶 (Customer) : _____

產品名稱 (Description) : WIRE WOUND TYPE COMMON MODE FILTER

客戶料號 (Cus P/N) : _____

料號 (Part NO) : FSWBA0805D801PT-HF

日期 (Date) : 2020/12/01

版本 (Version) : **A2.0**

核准 APPROVED BY	審核 CHECKED BY	製作 DRAWN BY
VincentShang	TopoCheng	AbbyShi

Please sign back after confirmation:

Client signature: Qualified Unqualified

批准 APPROVAL	審核 CHECKED	檢驗 CONFORM

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<http://www.ele-founds.com>



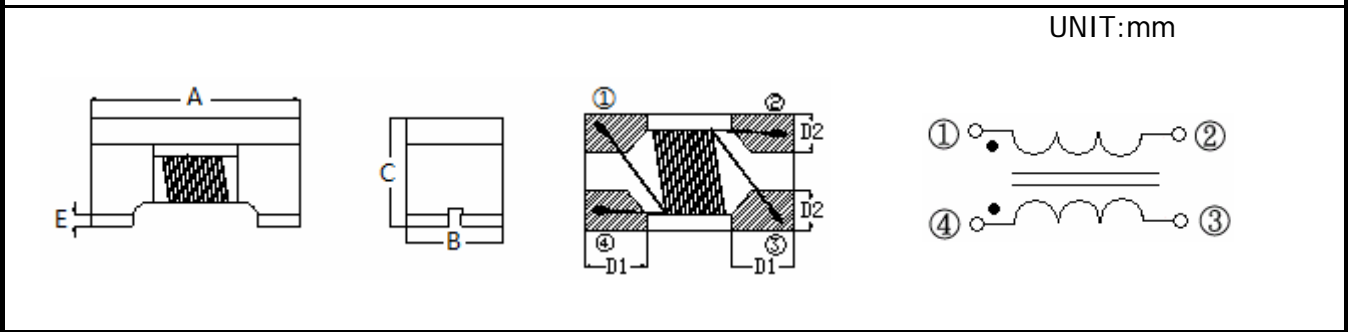
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CUSTOMER NO:		DATE:	2020年12月1日

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1.SHAPE & DIMENSION



CODE	A	B	C	D1	D2	E	
DIMENSION	2.0±0.2	1.2±0.2	1.2±0.2	0.55Typ.	0.46Typ.	0.2±0.1	

2. ELECTRICAL CHARACTERISTICS @25°C

Part Number	Z	Freq	Rdc	Irms	Rated Voltage	Min Insulation Resistance
	(Ω)	(MHz)	(Ω)max	(mA)max	Volts	MΩ
FSWBA0805D801PT-HF	800	100	0.88	300	50	10

3. PART NUMBERING SYSTEM

FSWBA □□□□ □ □□□ □ □ — □□
 1 2 3 4 5 6 7

- 1 PRODUCT SYMBOL (产品代号)
- 2 DIMENSIONS (规格尺寸)
- 3 MATERIAL (芯片类型)
- 4 IMPEDANCE (阻抗)
- 5 TOLERANCE (公差) : P±25%; N±30%
- 6 PACKAGING (包装方式) : T-编带盘装; B-散装
- 7 E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

4.GENERAL SPECIFICATION

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

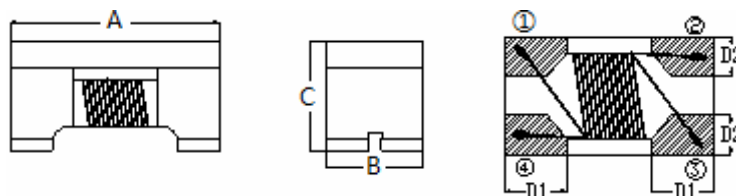
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5. TEST DATA FOR SAMPLES

TEST ITEM	Z	R _{dc}	A	B	C	D1	D2
	(Ω)	(Ω)	(mm)	(mm)	(mm)	(mm)	(mm)
CON.	100MHz/0.5V	At 25°C	2.0±0.2	1.2±0.2	1.2±0.2	0.55Typ.	0.46Typ.
SPEC.	800±25%	0.88 MAX					
1	816.60	0.49	2.05	1.26	1.27	0.57	0.49
2	806.80	0.49	2.02	1.28	1.30	0.55	0.48
3	825.30	0.48	2.03	1.27	1.27	0.58	0.47
4	817.50	0.50	2.01	1.25	1.28	0.56	0.48
5	820.00	0.49	2.05	1.27	1.26	0.57	0.49
6	820.60	0.49	2.02	1.25	1.29	0.57	0.49
7	820.30	0.48	2.03	1.25	1.30	0.58	0.46
8	820.30	0.48	2.04	1.27	1.27	0.58	0.47
9	815.70	0.50	2.05	1.29	1.27	0.56	0.47
10	815.70	0.49	2.03	1.26	1.26	0.57	0.46
X	817.88	0.49	2.03	1.27	1.28	0.57	0.48
R	18.50	0.02	0.04	0.04	0.04	0.03	0.03

图示:

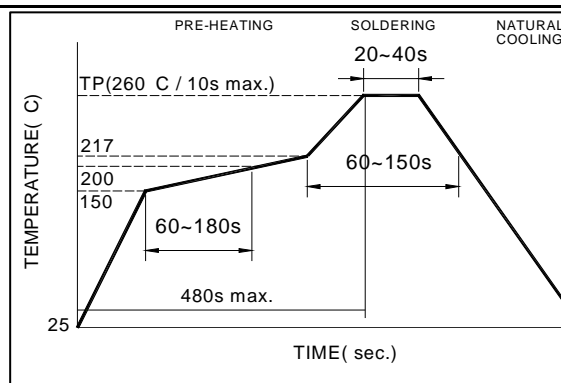


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6. SOLDERING CONDITIONS

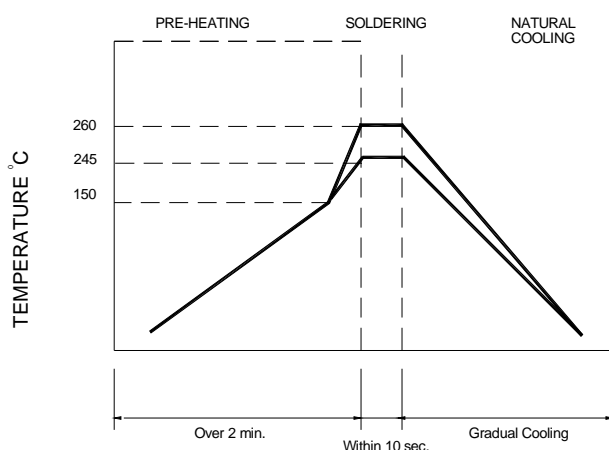
**Figure 1.
Re-flow
Soldering (Lead
Free)**



Note:

- Preheat circuit and products to 150°C
- 260°C tip temperature (max)
- Reflow times: no more than 2 times
- Solder paste thickness: the best 0.08mm is ,but max is 0.1mm

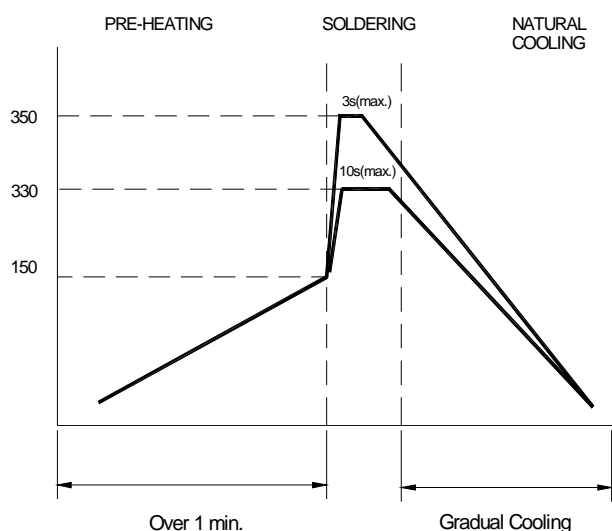
**Figure 2.
Wave Soldering**



Note :

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

**Figure 3.
Hand Soldering**



Note:

- Use a 20 watt soldering iron with tip diameter of 1.0mm
- Limit soldering time to 3 sec.

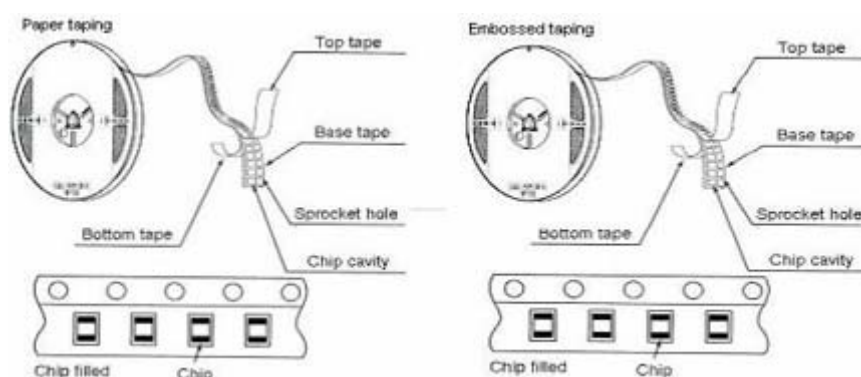
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7. PACKAGING(unit: mm)

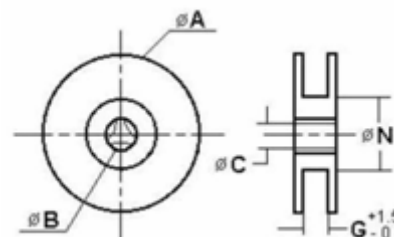
Type	0603	0805	1206	1812
Quantity	2000	2000	2000	500

TAPING DRAWINGS

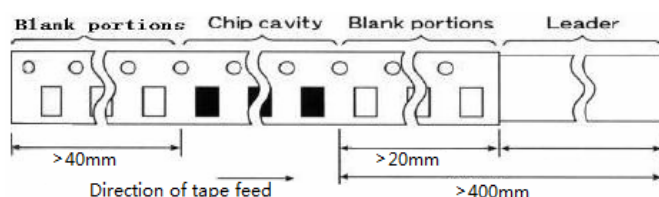


REEL DIMENSIONS(UNIT:mm)

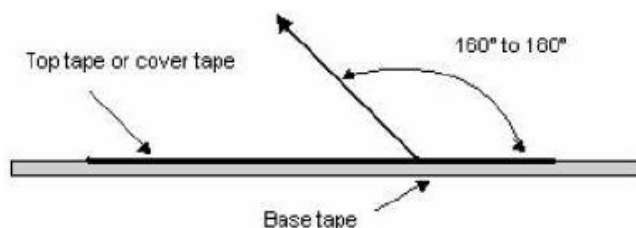
	A	B	C	N	G
CF-8	178±2.0	22±2.0	12.5±1.5	57±2.0	8
CF-12	178±2.0	22±2.0	12.5±1.5	98±2.0	12



LEADER AND BLANK PORTION



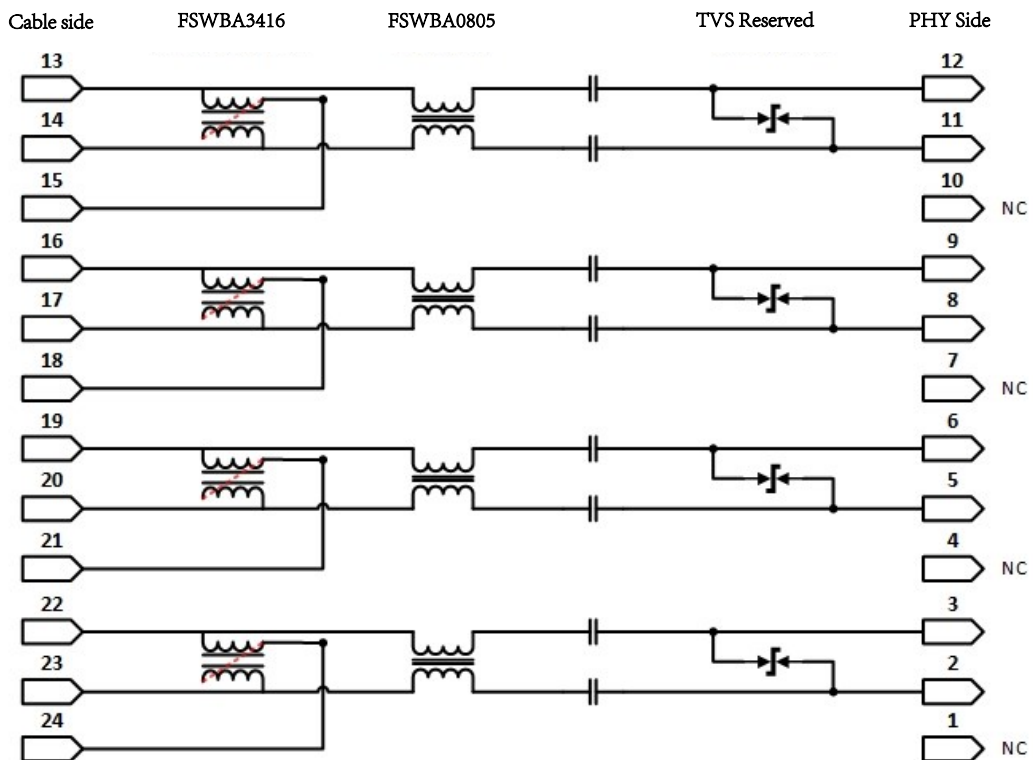
PEELLING OFF FORCE:0.05 to 0.7N in the direction show below.



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8. YPICAL APPLICATION



Typical Application

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