



承认书

Approval Sheet

客户名称:

Customer

/

产品名称:

大电流绕线片式电感器

Part Name

Common Mode Choke

产品规格:

Specification

JWCM Series

版本号:

Version No.

A/0

日期:

Date

2020-7-3

制造Manufacturer			客户Customer		
拟制	审核	确认	检验	审核	批准
Draft by	Checked by	Approve by	Check by	Checked by	Approval by
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履 历 表 Resume

版本 Version No.	修 改 明 细 Modify Details	日期 Date
A/0	新制定	2020-7-3

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产品指南 Products Guide

Description	Model	P/N	Package Size	Z (Ω)	Idc Max(mA)	Rdc (Ω)Max
Common Mode Choke 绕线共模电感器		JWCM	0805(2012)	67-1000	150-400	0.25-1.3
			1206 (3216)	90-2200	200-370	0.3-1.2
			1812 (4532)	80-1000	800-3000	0.05-0.18

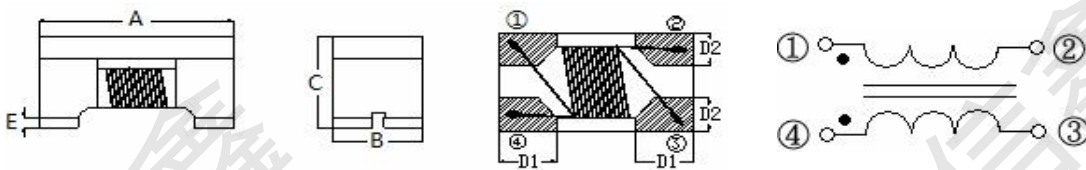
Characteristics 特征

- 绕线贴片结构，高Q值；
- 大电流，低电阻；
- 自谐振频率高，对高频噪声有良好的抑制效果；
- 节省空间，节省用电。

Application 应用

- 智能手机，智能电视，机顶盒；
- 通讯设备，USB接口，LCD的LVDS信号线；
- 虚拟现实设备；
- 信息处理系统。

形状和尺寸 Shape And Dimensions (Unit: mm)



Size 型号	A	B	C	D1	D2	E
JWCM0805(2012)	2.0 \pm 0.2	1.2 \pm 0.2	1.2 \pm 0.2	0.55 \pm 0.1	0.45 \pm 0.1	0.15 \pm 0.1
JWCM1206 (3216)	3.2 \pm 0.2	1.6 \pm 0.2	1.9 \pm 0.2	0.7Typ.	0.6Typ.	0.2 \pm 0.1
JWCM1812 (4532)	4.5 \pm 0.2	3.2 \pm 0.2	2.8 \pm 0.2	1.0Typ.	1.2Typ.	0.5Typ.

Product Spec. Model产品品名构成

JWCM 0603 - 900 P LF
(1) (2) (3) (4) (5)

(1)Product symbol系列代号

(2)Dimensions 规格尺寸

(3)Impedance阻抗: 100=10Ω 、 121=120Ω

(4)Tolerance公差: P±25% N±30%

(5)E.P.环保: LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

Specifications规格

JWCM0805 Series

型号规格 Part NO.	精度级别 accuracy grade	阻 抗 Z (Ω)	测试频 率Freq (MHz)	直流电阻 Rdc (Ω)Max	额定电 流Idc (mA)Max	额定电压 Rated Voltge Volts	绝缘电阻 Insulation Resistance (MΩ) Min
JWCM0805-670PHF	P	67	100	0.25	400	50	10
JWCM0805-900P-G4HF	P	90	100	0.3	400	50	10
JWCM0805-121PHF	P	120	100	0.3	370	50	10
JWCM0805-161PHF	P	160	100	0.35	330	50	10
JWCM0805-181PHF	P	180	100	0.35	330	50	10
JWCM0805-201PHF	P	200	100	0.4	300	50	10
JWCM0805-221PHF	P	220	100	0.4	300	50	10
JWCM0805-261PHF	P	260	100	0.4	300	50	10
JWCM0805-361P-G-HF	P	360	100	0.45	280	50	10
JWCM0805-601PHF	P	600	100	0.6	220	50	10
JWCM0805-801PHF	P	800	100	0.88	300	50	10
JWCM0805-102PHF	P	1000	100	1.3	150	50	10

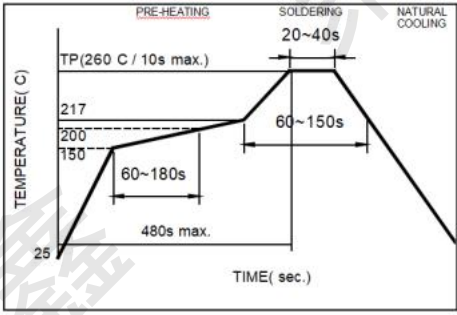
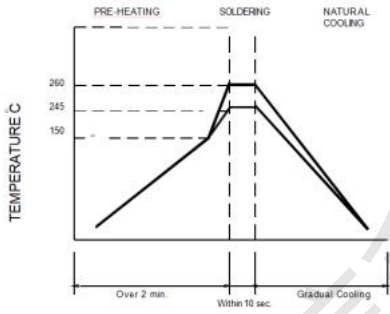
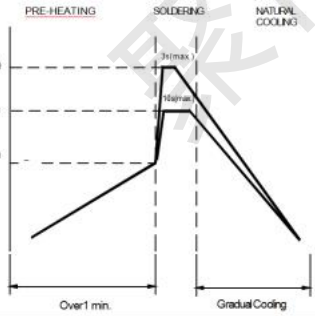
JWCM1206 Series

型号规格 Part NO.	精度级别 accuracy grade	阻抗 Z (Ω)	测试频率 Freq (MHz)	直流电阻 Rdc (Ω)Max	额定电 流Idc (mA)Max	额定电压 Rated Voltge Volts	绝缘电阻 Insulation Resistance (MΩ) Min
JWCM1206-900PHF	P	90	100	0.3	370	50	10
JWCM1206-161PHF	P	160	100	0.4	340	50	10
JWCM1206-261PHF	P	260	100	0.5	310	50	10
JWCM1206-371PHF	P	370	100	0.5	300	50	10
JWCM1206-601PHF	P	600	100	0.8	260	50	10
JWCM1206-801PHF	P	800	100	0.9	240	50	10
JWCM1206-102PHF	P	1000	100	1	230	50	10
JWCM1206-142PHF	P	1400	100	1	220	50	10
JWCM1206-202PHF	P	2000	100	1.2	200	50	10
JWCM1206-222PHF	P	2200	100	1.2	200	50	10

JWCM1812 Series

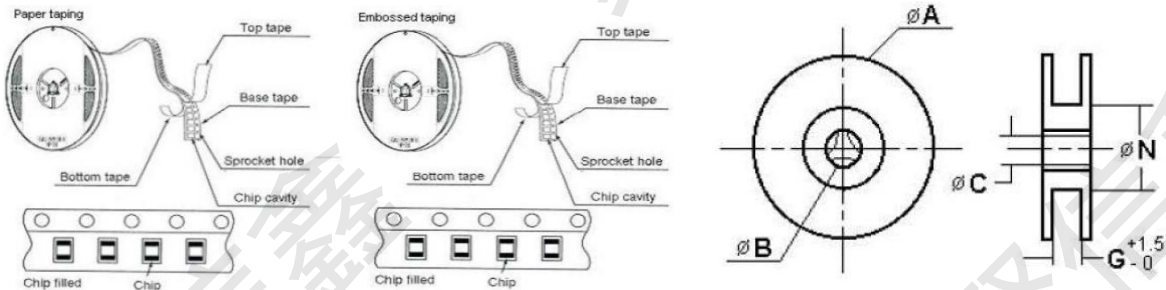
型号规格 Part NO.	精度级别 accuracy grade	阻抗 Z (Ω)	测试频率 Freq (MHz)	直流电阻 Rdc (Ω)Max	额定电 流Idc (mA)Max	额定电压 Rated Voltge Volts	绝缘电阻 Insulation Resistance (MΩ) Min
JWCM1812-800P	P	80	100	0.05	3000	50	10
JWCM1812-900P	P	90	100	0.085	3000	50	10
JWCM1812-121P	P	120	100	0.05	3000	50	10
JWCM1812-201P	P	200	100	0.1	1500	50	10
JWCM1812-331P	P	330	100	0.11	1100	50	10
JWCM1812-601P	P	600	100	0.12	1000	50	10
JWCM1812-701P	P	700	100	0.12	1000	50	10
JWCM1812-801P	P	800	100	0.16	900	50	10
JWCM1812-102P-G	P	1000	100	0.18	800	50	10

焊接条件 Soldering Conditions

Items	Test Methods and Remarks	Requirements
<p>Figure 1. Re-flow Soldering (Lead Free)</p>		<p>Note:</p> <ul style="list-style-type: none"> ·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
<p>Figure 2. Wave Soldering</p>		<p>Note:</p> <ul style="list-style-type: none"> ·Never contact the ceramic with the iron tip ·1.0mm tip diameter (max)
<p>Figure 3. Hand Soldering</p>		<p>Note:</p> <ul style="list-style-type: none"> Use a 20 watt soldering iron with tip diameter of 1.0mm Limit soldering time to 3 sec.

产品包装 Packaging(unit: mm)

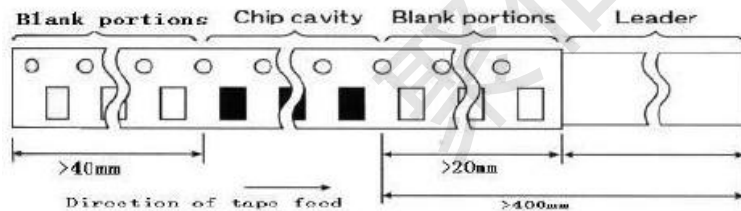
Taping Drawings



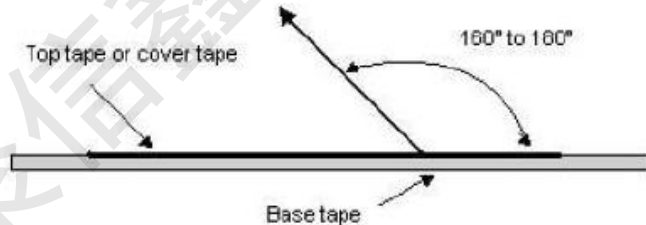
Reel Dimensions(UNIT:mm)

	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



Peeling Off Force: 0.05 to 0.7N in the direction show below



包装数量 (单位: 粒) Packaging number (Unit: Pcs)

规格	0805	1206	1812
数量(pcs)	2000	2000	500