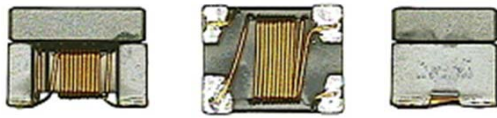


PRODUCT IDENTIFICATION



JPWC 1210 - 601 / 1

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Type

Size

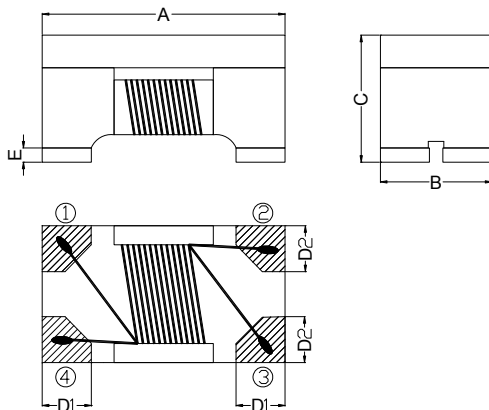
Impedance

Current

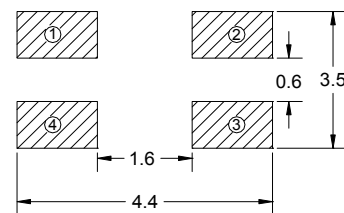
FEATURES

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. JPWC 1210 series realizes small size and low profile. 3.2x2.5x2.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125°C (Including self - temperature rise)

DIMENSIONS (mm)



Recommended PC Board Pattern

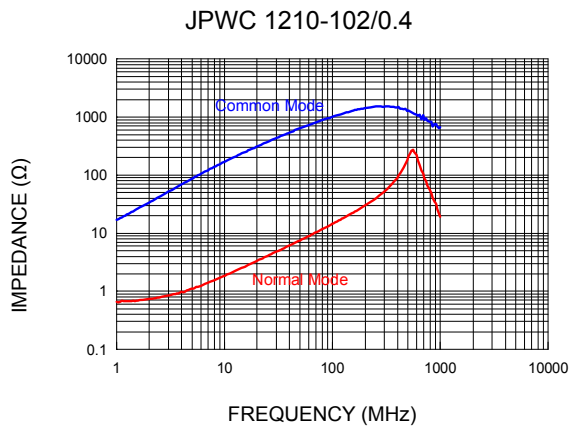
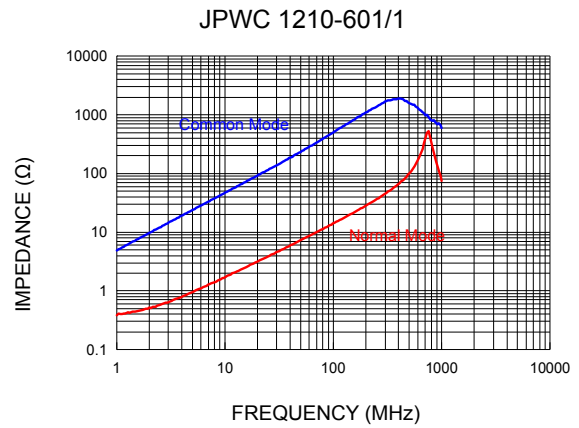
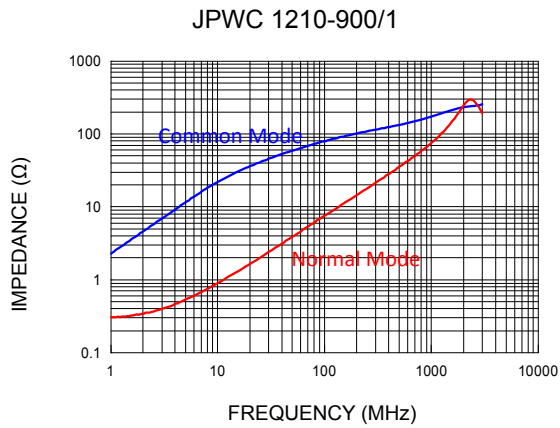


Part No.	Size (mm)					
	A	B	C	D1	D2	E
JPWC 1210	3.2 ± 0.2	2.5 ± 0.2	2.2 ± 0.2	0.8 ± 0.1	0.9 ± 0.1	0.15 ± 0.1

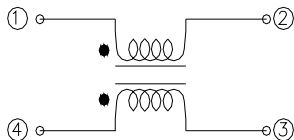
SERIES LIST

No.	Part No.	Common mode Impedance (Ω) 100MHz	RDC (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	Insulation Resistance (Ω) min.
1	JPWC 1210-900/1	90±25%	0.05	1000	50	125	10M
2	JPWC 1210-601/1	600±25%	0.20	1000	50	125	10M
3	JPWC 1210-102/0.4	1000±25%	0.30	400	50	125	10M

Typical Impedance v.s. Frequency Curve

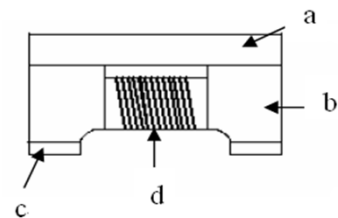


SCHEMATIC DIAGRAM



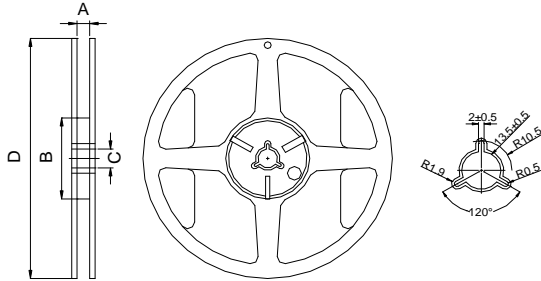
Materials

No.	Description	Specification
a	Upper Plate	Ferrite
b	Core	Ferrite Core
c	Termination	Ag/Ni/Sn
d	Wire	Enameled Copper Wire



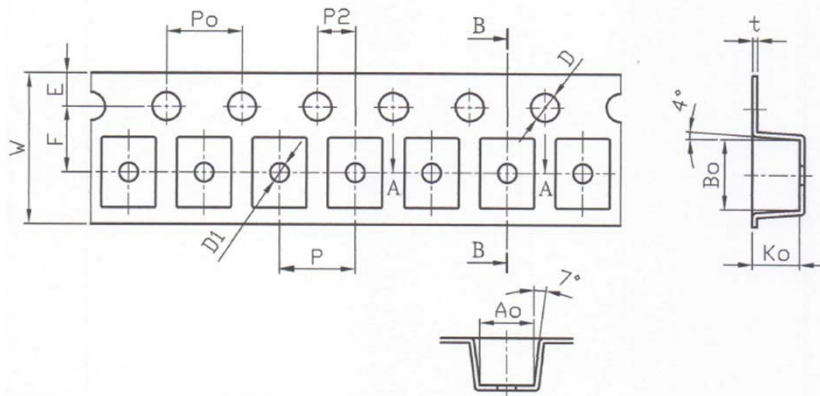
Packaging Information

- Reel Dimension



Type	A(mm)	B(mm)	C(mm)	D(mm)
7"x8mm	9.0±0.5	60±2	13.5±0.5	178±2

- Tape Dimension



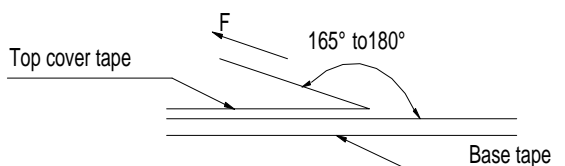
W(mm)	A0(mm)	B0(mm)	K0(mm)	P(mm)	P0(mm)	P2(mm)	E(mm)	F(mm)	D(mm)	D1(mm)	t(mm)
8.00	2.88	3.72	2.50	4.00	4.00	2.00	1.75	3.50	1.50	1.00	0.26
±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	±0.05	±0.10	±0.05	+0.10/-0.00	±0.10	±0.05

- Packaging Quantity

Size	Reel	Inner Box	Middle Box	Carton
JPWC 1210	2000	10000	50000	100000

- Tearing Off Force

The force for tearing off cover tape is 15 to 80 grams in the arrow direction under the following conditions.



Room Temp. (°C)	Room Humidity (%)	Room atm (hPa)	Tearing Speed mm/min
5~35	45~85	860~1060	300

■ Application Notice

- Storage Conditions(component level)

To maintain the solderability of terminal electrodes:

1. Products meet IPC/JEDEC J-STD-020E standard-MSL, level 1.
2. Temperature and humidity conditions: Less than 40°C and 60% RH.
3. Recommended products should be used within 12 months form the time of delivery.
4. The packaging material should be kept where no chlorine or sulfur exists in the air.

- Transportation

1. Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
2. The use of tweezers or vacuum pick up is strongly recommended for individual components.
3. Bulk handling should ensure that abrasion and mechanical shock are minimized.