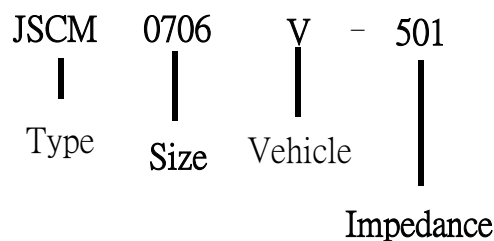




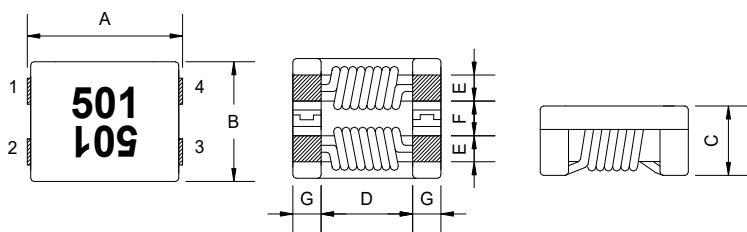
PRODUCT IDENTIFICATION



FEATURES

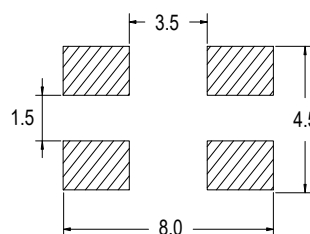
1. High reliability -Reliability tests comply with AEC-Q200
2. Operating temperature-40~+125°C
(Including self - temperature rise)

DIMENSIONS (mm)



Marking : Laser Marking

Recommended PC Board Pattern



Part No.	A	B	C	D	E	F	G
JSCM 0706V	7.0 ± 0.5	6.0 ± 0.5	3.8 Max.	3.5 Typ.	1.5 ± 0.5	1.5 ± 0.5	1.7 ± 0.5

SERIES LIST

No.	Part No.	Impedance		Test Frequency (MHz)	RDC (mΩ) Max.(1 line)	Rated Current (A) Max.	Rated Volt. (Vdc) Max.	Insulation Resistance (MΩ) Min.
		(Ω) Min.	(Ω) Typ.					
1	JSCM 0706V-400	40	70	100	5	15	80	10
2	JSCM 0706V-101	100	140	100	10	9	80	10
3	JSCM 0706V-301	225	300	100	10	5	80	10
4	JSCM 0706V-501	400	500	100	10	5	80	10
5	JSCM 0706V-701	500	700	100	15	4	80	10
6	JSCM 0706V-102	800	1020	100	17	3	80	10
7	JSCM 0706V-132	910	1300	100	20	3	80	10

Note:

Measurement board data

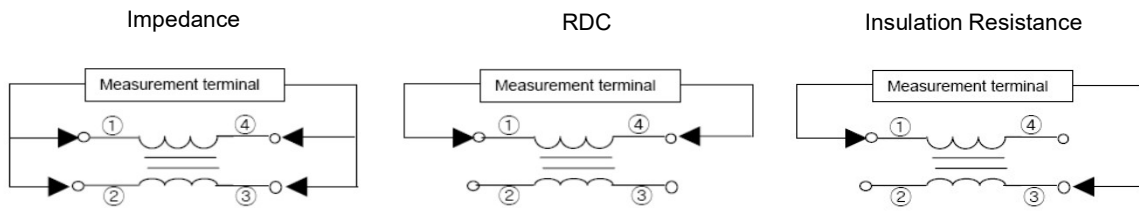
Material : FR4

Board dimensions : 100 X 50 X 1.6t mm

Pattern dimensions: 45 X 30 mm (Double side board)

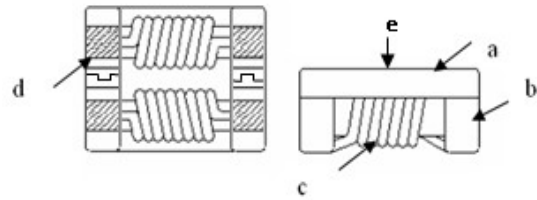
Pattern thickness : 50 μm

■ SCHEMATIC DIAGRAM

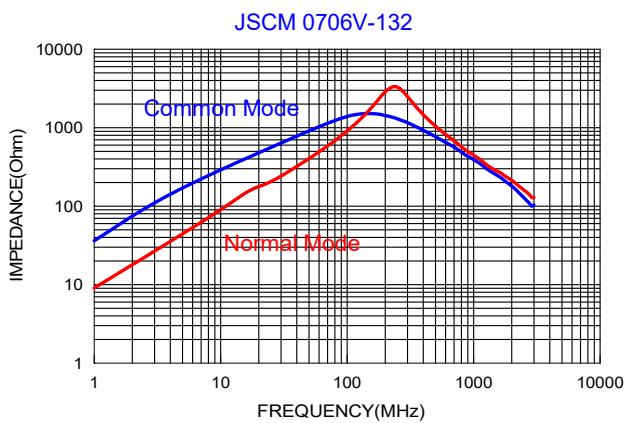
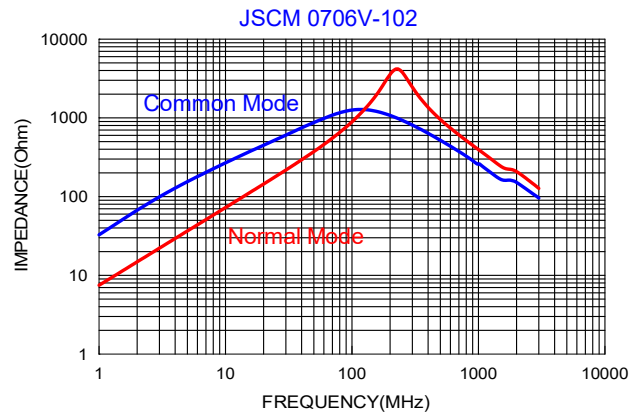
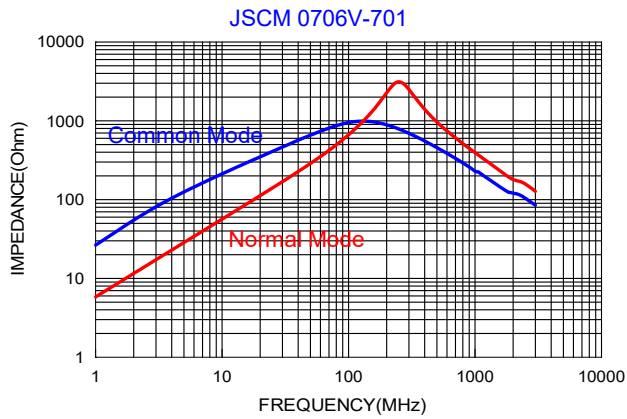
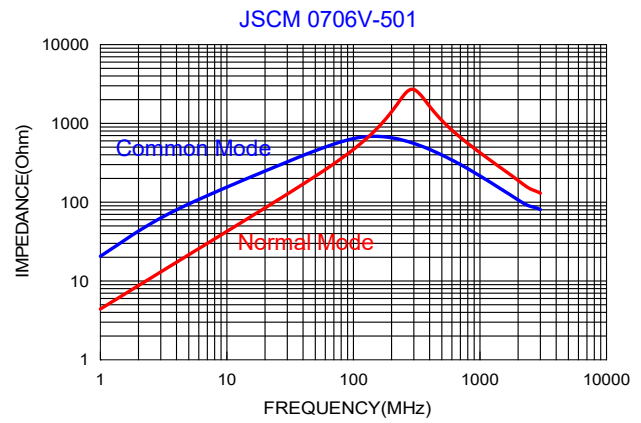
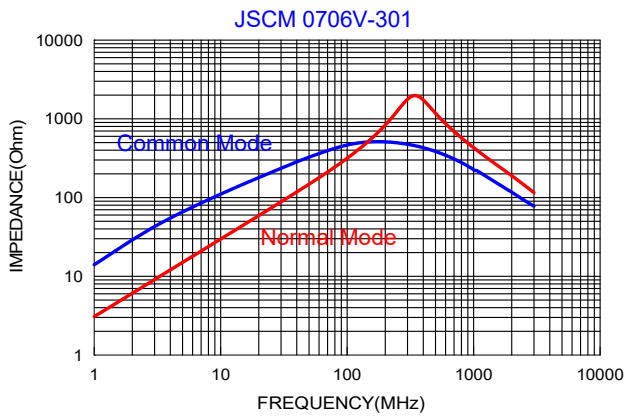
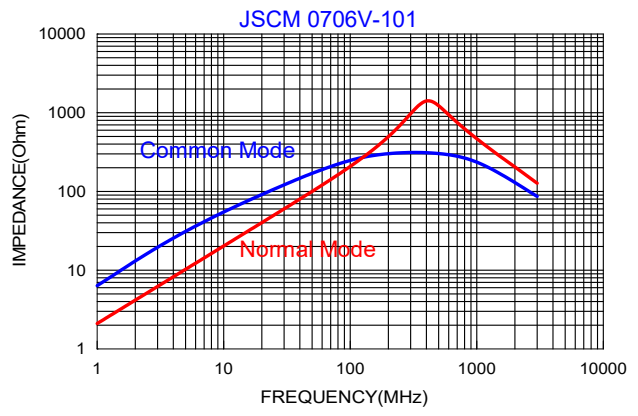
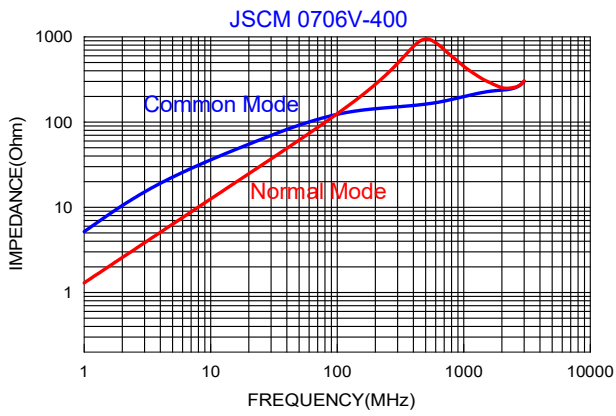


■ MATERIALS

No.	Description	Specification
a	Upper Plate	Ferrite core or same type
b	Core	Ferrite Core
c	Wire	Enameled Copper
d	Termination	Ag/Ni/Sn + Sn Solder
e	Mark	Laser Marking

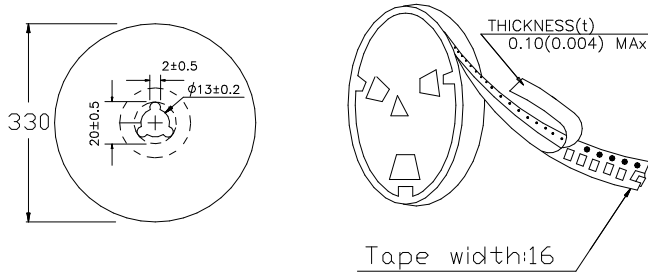


Typical Performance Curves



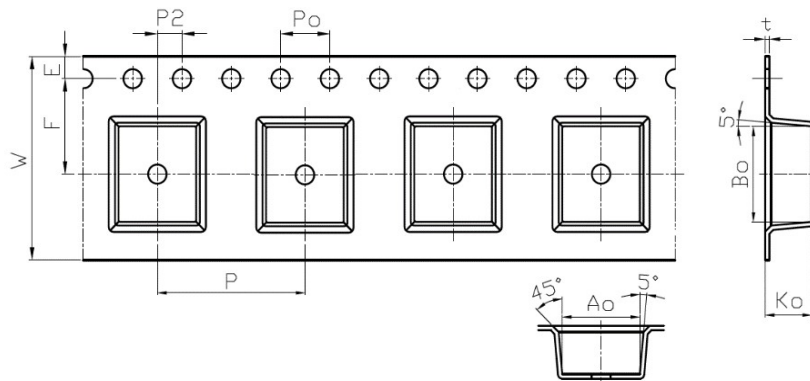
Packaging Information

• Reel Dimension



Type	A(mm)	B(mm)	C(mm)	D(mm)
13"x16mm	16.0±0.5	100.0±2.0	13.5±0.5	330

• Tape Dimension



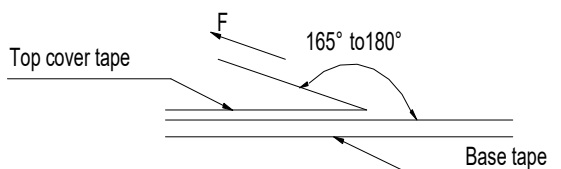
W(mm)	Ao(mm)	Bo(mm)	Ko(mm)	P0(mm)	P2(mm)	F(mm)	E(mm)	P(mm)	t(mm)
16.00 +0.3/-0.1	6.3 ±0.1	7.50 ±0.1	3.8 ±0.1	4.0 ±0.1	2.0 ±0.1	7.5 ±0.1	1.75 ±0.1	12.0 ±0.1	0.35 ±0.05

• Packaging Quantity

Size	Reel
JSCM 0706V	1500

• 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.