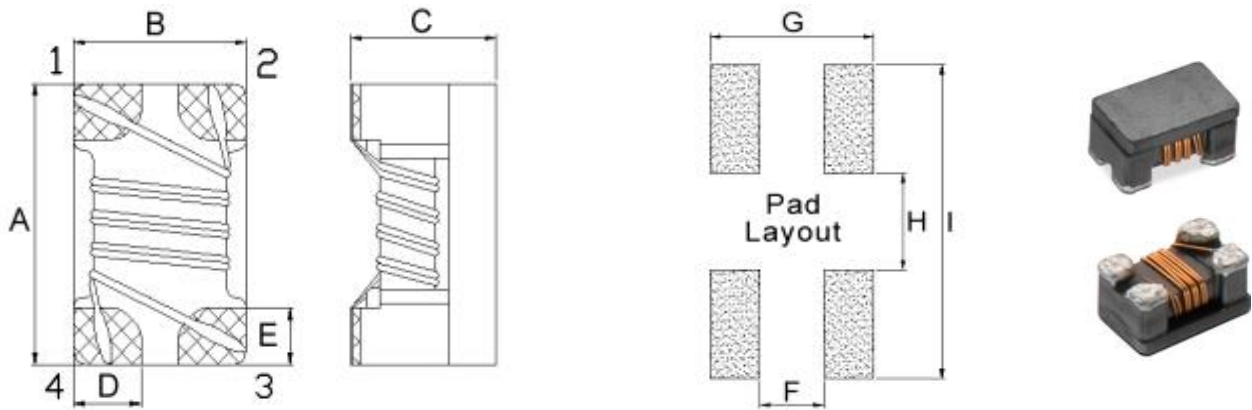


● 尺寸图/DIMENSION (单位/UNIT: mm)


 A: 3.2 ± 0.2

 B: 2.5 ± 0.2

 C: 2.2 ± 0.2

D: 0.9 Typ

E: 0.8 Typ

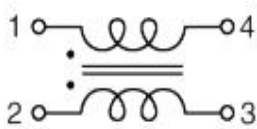
F: 0.6 Typ

G: 3.5 Typ

H: 1.6 Typ

I: 4.4 Typ

● 电路图/SCHEMATIC



● 注意事项/NOTE:

1. 产品不印字
2. 崩缺面积直径小于0.3mm为允收

● 电气特性/ELECTRICAL CHARACTERISTIC

Part Number	Common mode Impedance (Ω @100MHz)	DC Resistance (Ω) Max.	Rated Current (A)Max.	Rated Volt. (Vdc)Max.	IR (Ω) min.
GCM-3225SP-900	90 $\pm 25\%$	0.06	3.0	50	10M
GCM-3225SP-201	200 $\pm 25\%$	0.08	2.0	50	10M
GCM-3225SP-501	500 $\pm 25\%$	0.08	2.0	50	10M
GCM-3225SP-102	1000 $\pm 25\%$	0.10	1.5	50	10M

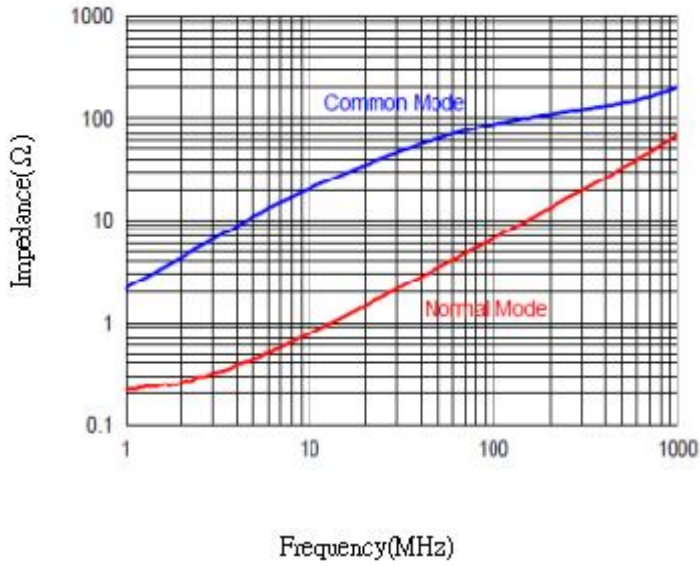
 (1).Rated Current: Temp.rise 40°C Typ

 (2).Operating Temperature: -40°C up to $+125^{\circ}\text{C}$

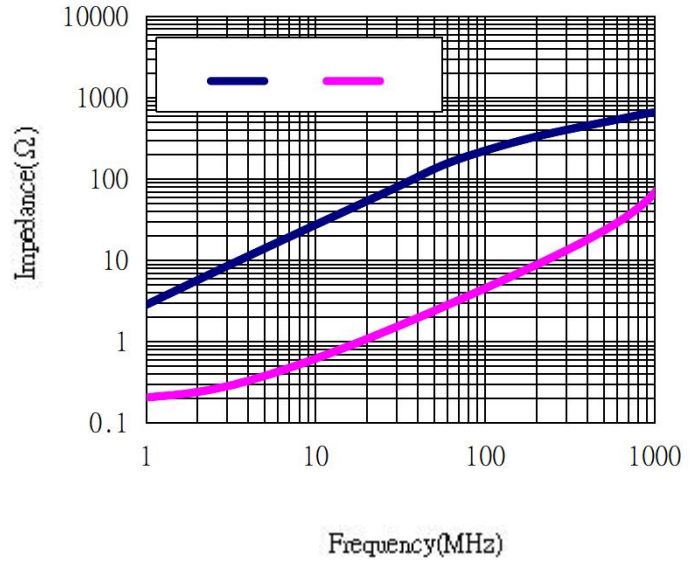
 (3).Storage Temperature: -20°C up to $+40^{\circ}\text{C}$, 75% RH max.

● 特征曲线/CHARACTERISTICS(REFERENCE)

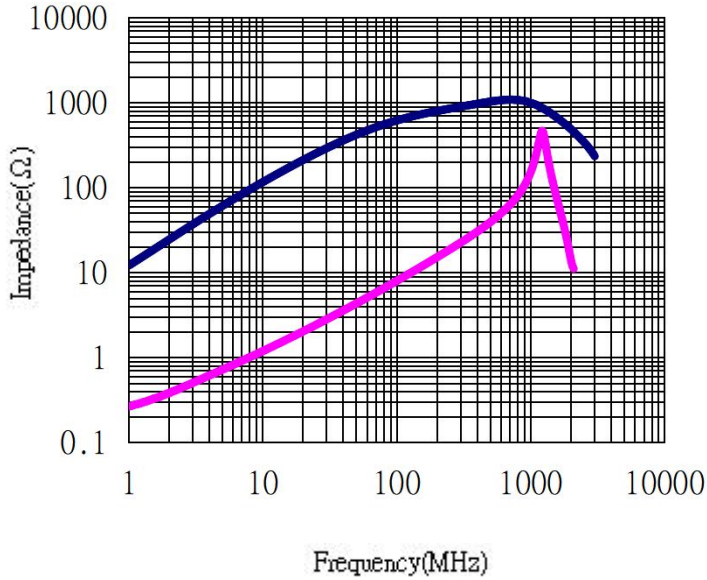
GCM-3225SP-900



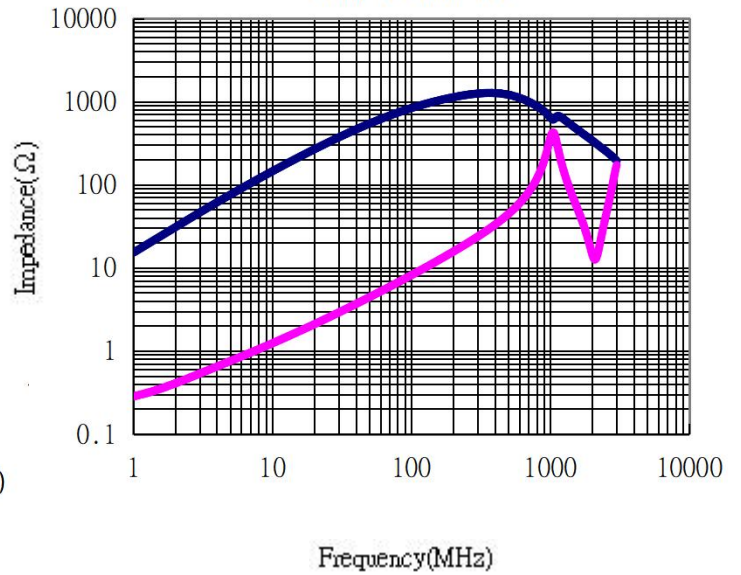
GCM-3225SP-201



GCM-3225SP-601



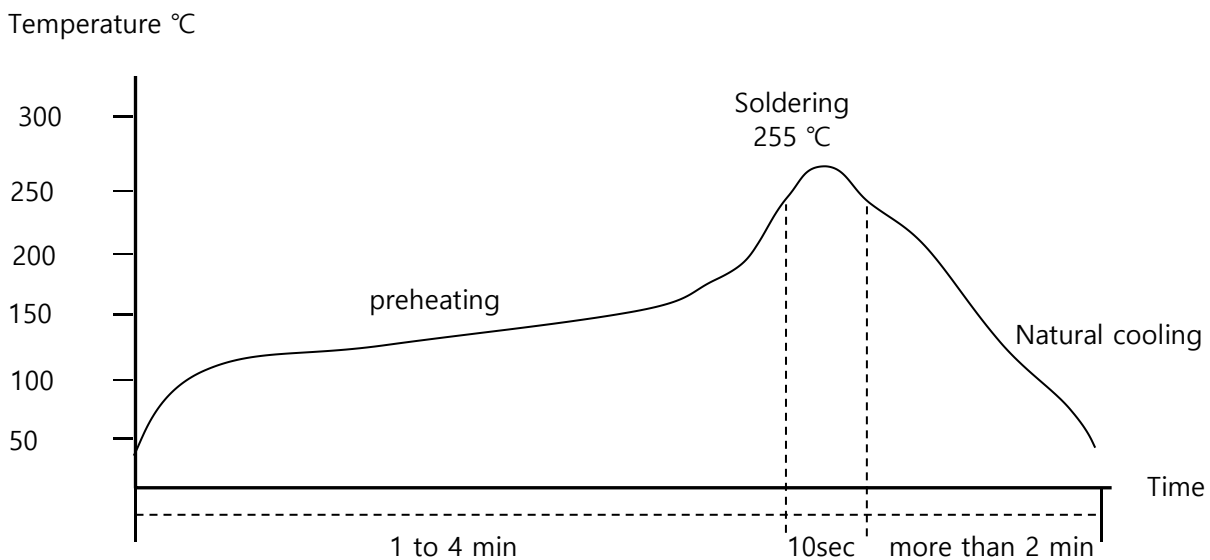
GCM-3225SP-102



● 可靠性测试/RELIABILITY TESTING

Operating Temperature	- 40 to +125 °C (Contain Heating coil)
Appearance Inspection	No external defects by visual inspection
Terminal Strength	After soldering , between copper plaet and terminals of coils , push in two directions of X , Y with standing 10N(1.02kg) for10+/-2 sec. Terminal should not peel off. (Refer to figure at right)
Heat endurance of reflow soldering	Refer to figure
Insulating resistance	Over 100 MΩ at 100V D.C . between wire and core
Dielectric Strength	Apply at 0.5KV 3mA for 1 minute between wire and core
Temperature characteristic	Inductance coefficient (0~2,000) × 10 / °C (- 40~ + 125 °C)
Humidity characteristics	Inductance deviation within ± 10% , after 96 hours in 90~95% relative humidity at 40 ± 2 °C and 1 hours drying under normal condi
A test is made under the above mentioned condition , and it is kept for 2 hours in the normal	

IR Reflow profile

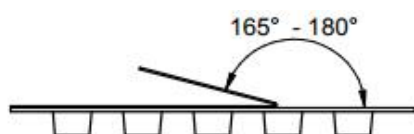
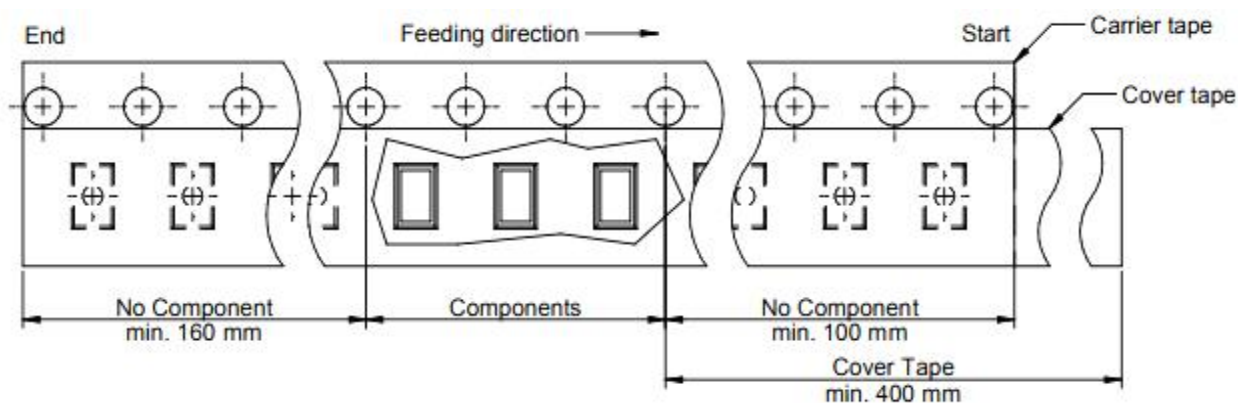


Temperature and humidity . After that , no mechanical and electrical defect should be found .

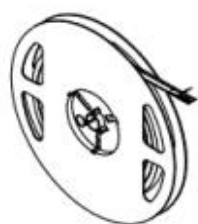
● 材料清单/MATERIAL LIST

NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	WIRE	P180 G1
3	ADHESIVE	5890LC
4	TIN	107H

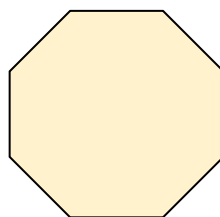
● 包装规格/PACKING SPECIFICATIONS



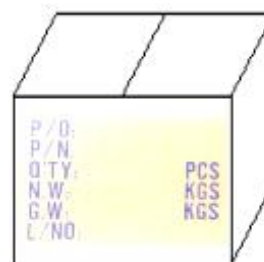
Tape width	Distance	Pull-of force
8 mm	4 mm	10~120g



轮盘：7' (直径178mm)
数量：2000PCS/盘



内盒/PE
袋
数量：8000PCS/盒



外箱，数量：80000PCS/箱
不足整箱用内盒或填充物装满