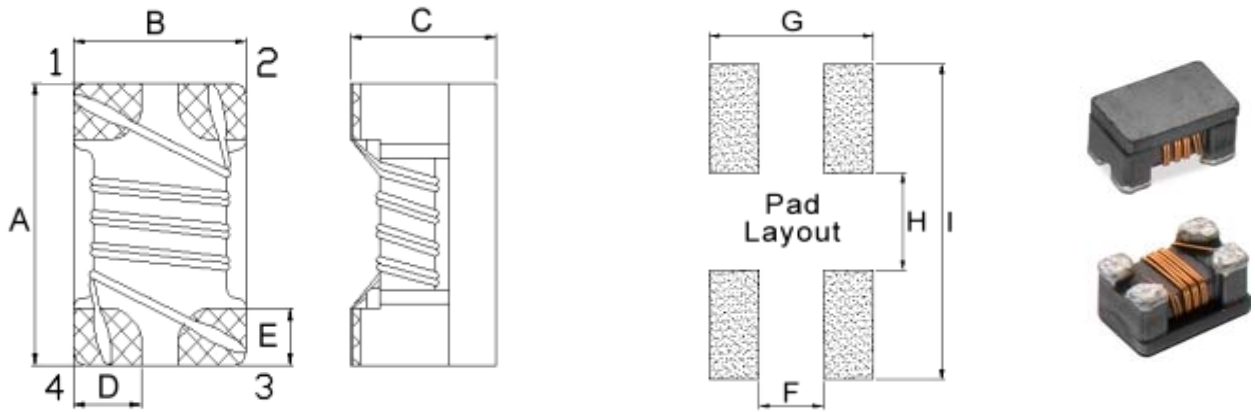
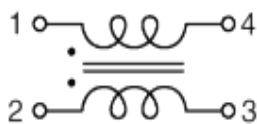


## ● 尺寸图/DIMENSION (单位/UNIT : mm)



A: $4.5 \pm 0.2$	B: $3.2 \pm 0.2$	C: $2.8 \pm 0.2$	D: 1.2 Typ	E: 1.0 Typ
F: 0.7 Typ	G: 3.8 Typ	H: 2.5 Typ	I: 4.8 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0.4mm为允收

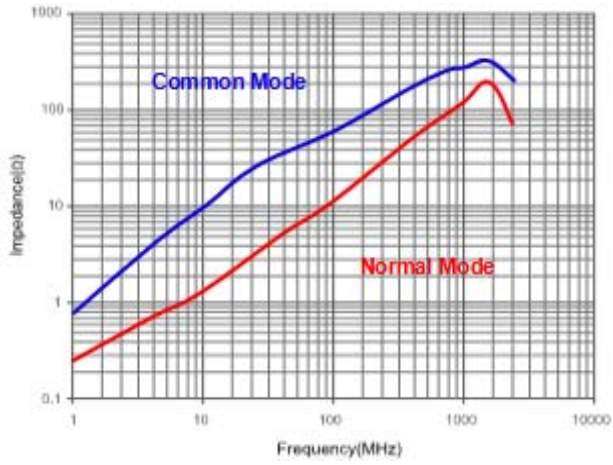
## ● 电气特性/ELECTRICAL CHARACTERISTIC

Part Number	Common mode Impedance ( $\Omega$ @ 100MHz)	DC Resistance ( $\Omega$ ) Max.	Rated Current (mA)Max.	Rated Volt. (Vdc)Max.	IR ( $\Omega$ ) min.
GCM4532SF-600T	$60 \pm 25\%$	0.10	3000	50	10M
GCM4532SF-900T	$90 \pm 25\%$	0.10	2000	50	10M
GCM4532SF-201T	$200 \pm 25\%$	0.10	1500	50	10M
GCM4532SF-601T	$600 \pm 25\%$	0.24	1500	50	10M
GCM4532SF-801T	$800 \pm 25\%$	0.24	1000	50	10M
GCM4532SF-231	180 Min 230 Typ	0.05	3000	50	10M
GCM4532SF-421	300 Min 420 Typ	0.055	2800	50	10M
GCM4532SF-901	650 Min 900 Typ	0.060	2300	50	10M
GCM4532SF-142	1000 Min 1400 Typ	0.090	1700	50	10M

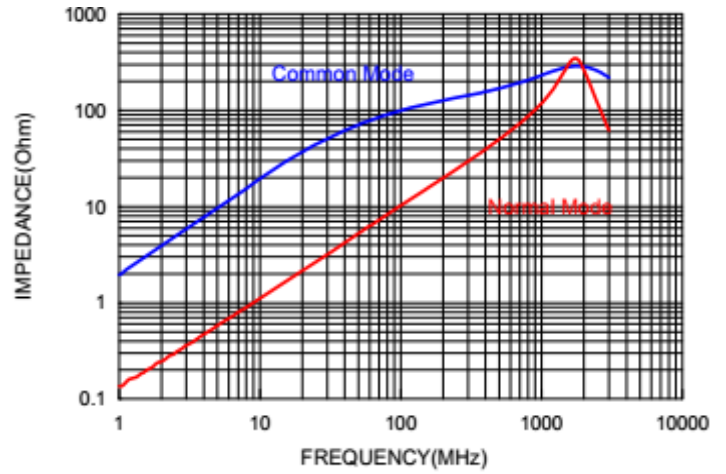
- (1).Rated Current: Temp.rise  $40^{\circ}\text{C}$  Typ
- (2).Operating Temperature:  $-40^{\circ}\text{C}$  up to  $+125^{\circ}\text{C}$
- (3).Storage Temperature:  $-20^{\circ}\text{C}$  up to  $+40^{\circ}\text{C}$ , 75% RH max.

● 特征曲线/CHARACTERISTICS(REFERENCE)

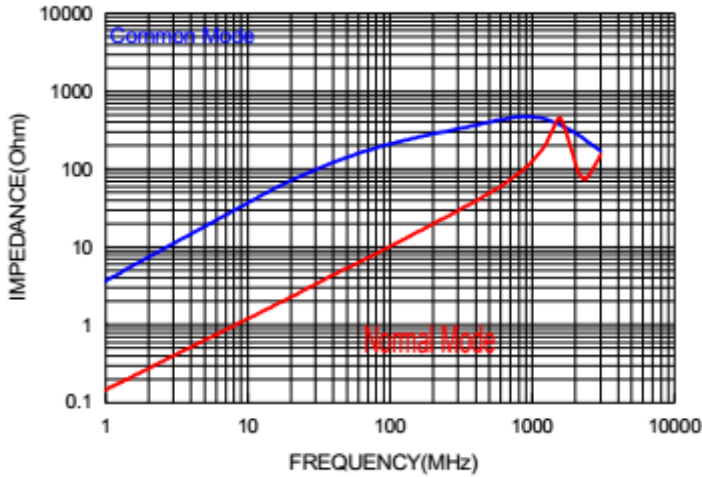
GCM4532SF-600T



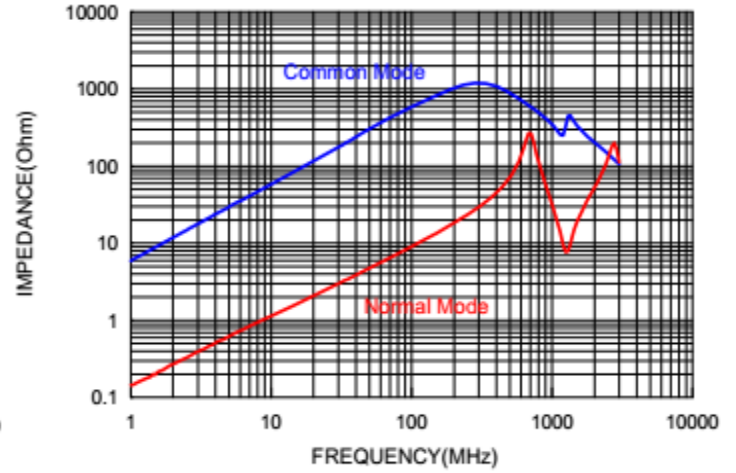
GCM4532SF-900T



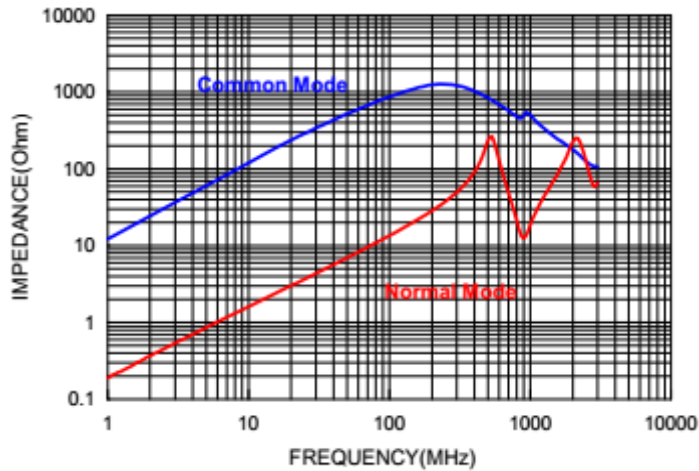
GCM4532SF-201T



GCM4532SF-601T

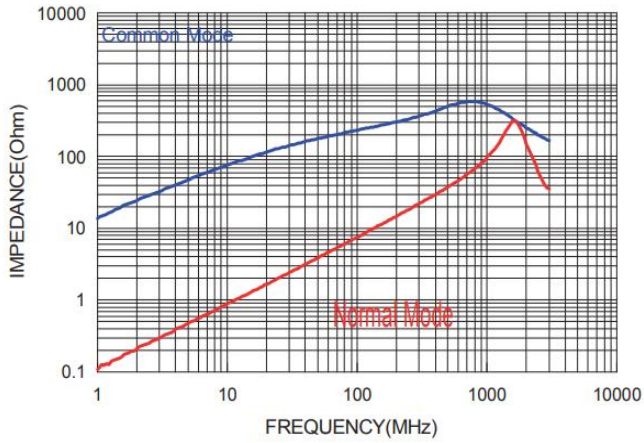


GCM4532SF-801T

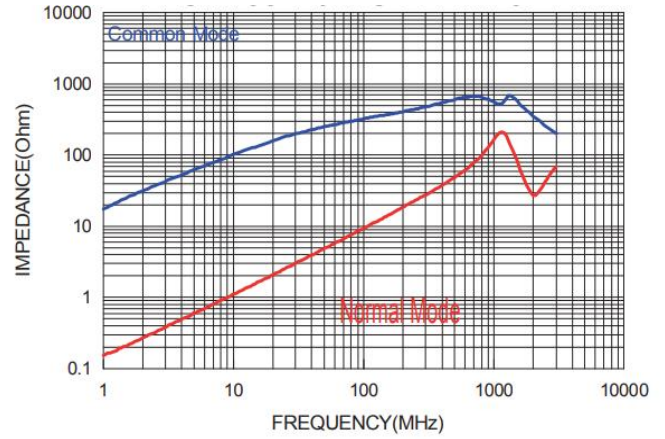


## ● 特征曲线/CHARACTERISTICS(REFERENCE)

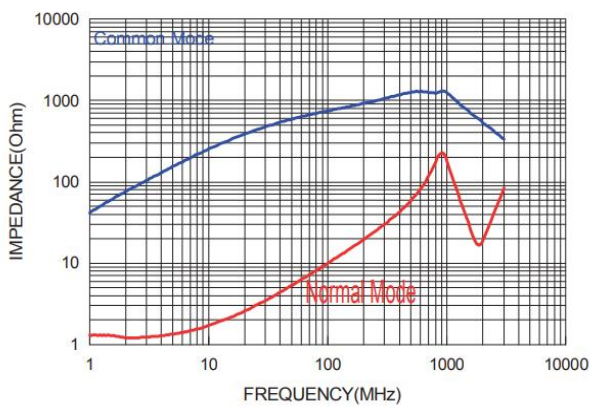
GCM-4532SF-231



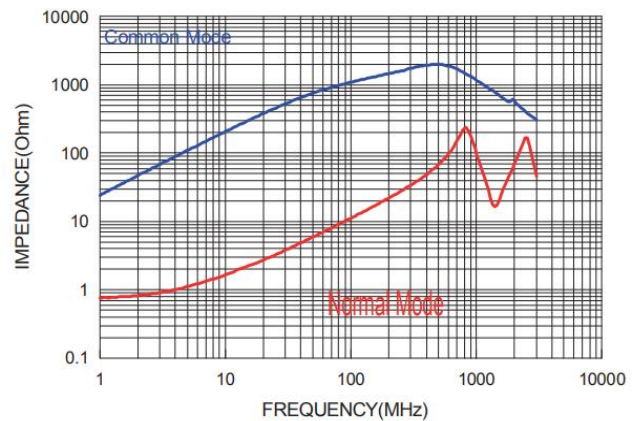
GCM-4532SF-421



GCM-4532SF-901

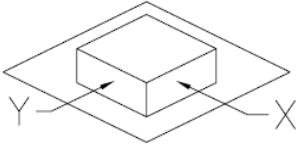


GCM-4532SF-142



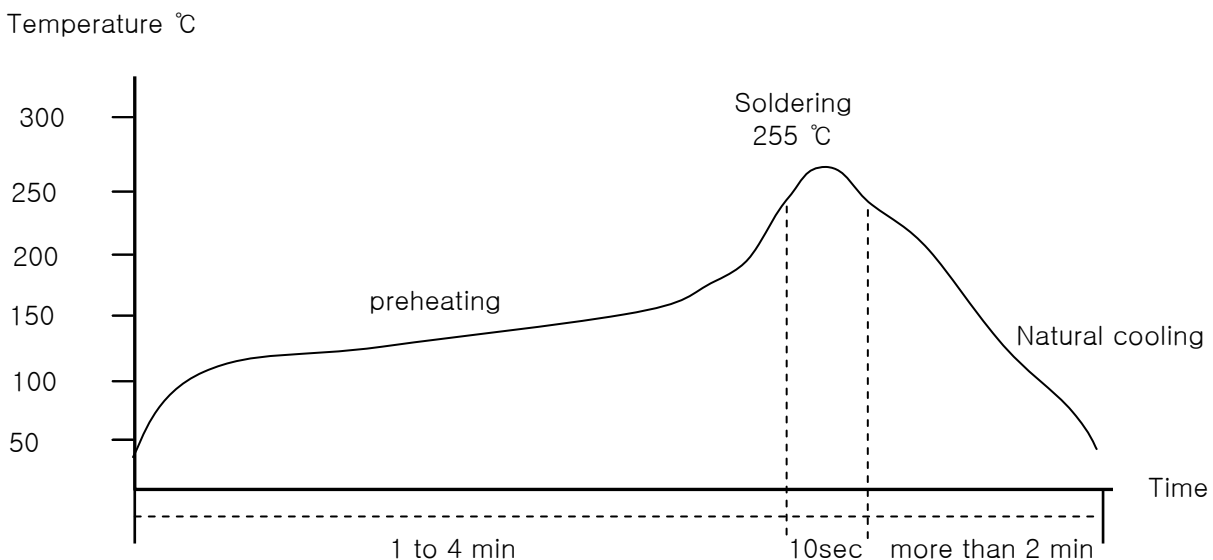
● 可靠性测试/RELIABILITY TESTING

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 characteristics	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 condition



A test is made under the above mentioned condition , and it is kept for 2 hours in the normal

IR Reflow profile

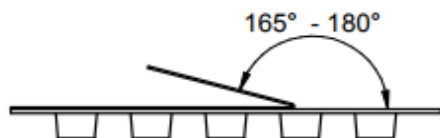
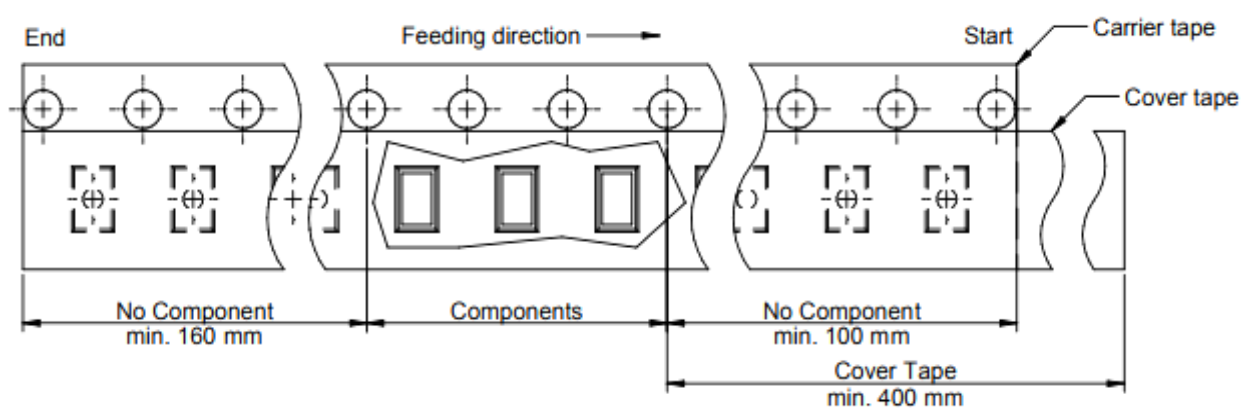


Temperature and humidity . After that , no mechanical and electrical defect should be found .

## ●材料清单/MATERIAL LIST

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

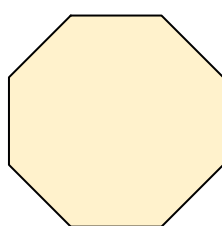
## ●包装规格/PACKING SPECIFICATIONS



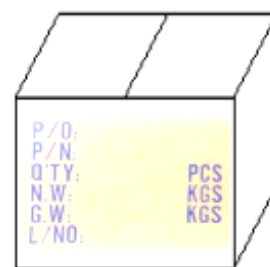
Tape width	Distance	Pull-of force
12 mm	8 mm	10~120g



轮盘：7(直径178mm)  
数量：500PCS/盘



内盒/PE袋  
数量：2000PCS/盒



外箱，数量：20000PCS/箱  
不足整箱用内盒或填充物装满