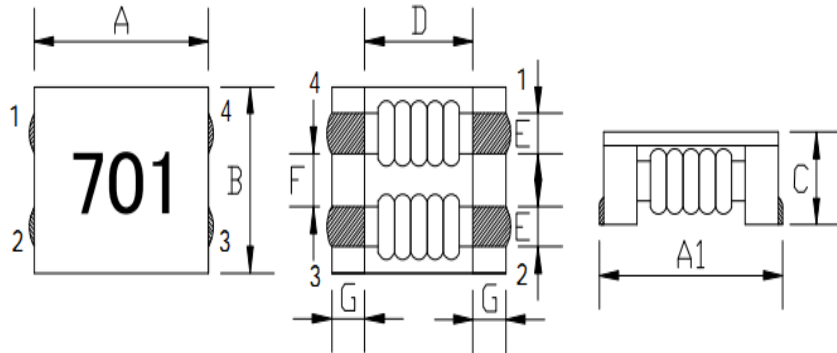


ITEM P/N	RYCM1211F-SERIES	TEST INSTRUMENT	Agilent4287/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.5V

PACKING DIMENSIONS (mm)

1211-701	Dimensions
A	12.0 ±0.5
A1	12.5 ±0.5
B	10.8 ±0.5
C	6.4MAX
D	7.0typ
E	2.7 ±0.2
F	2.5 ±0.2
G	2.5 ±0.2

EXPLANATION OF PART NUMBERS

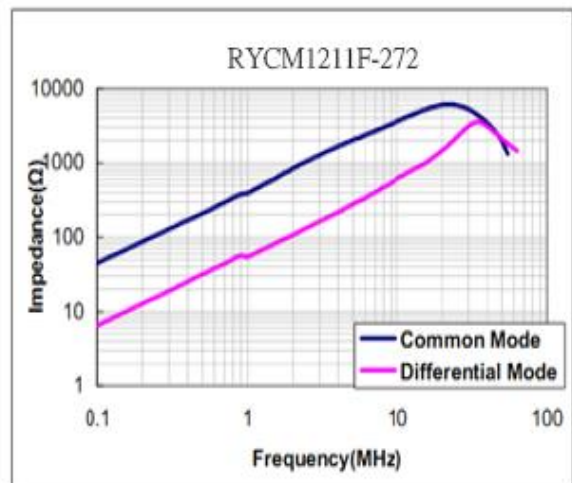
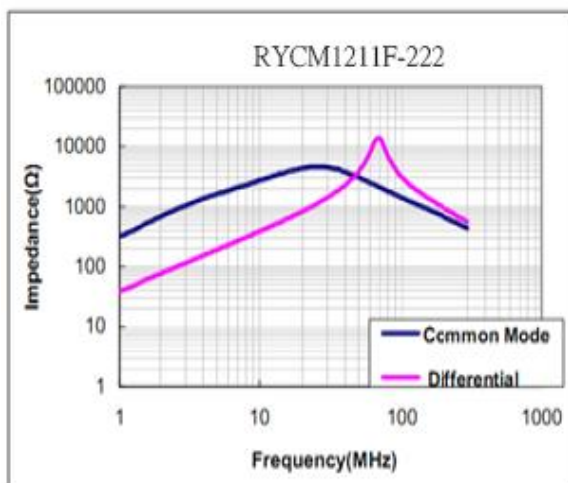
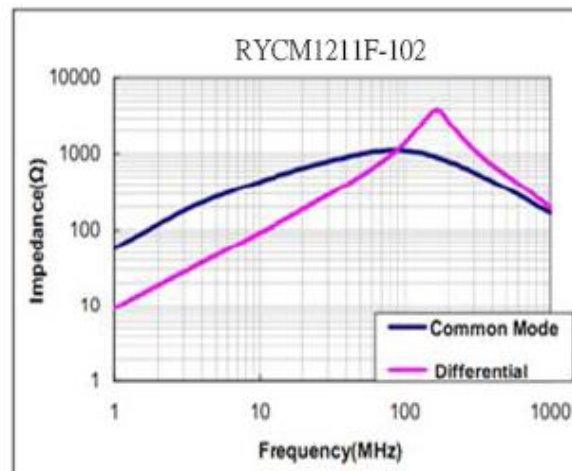
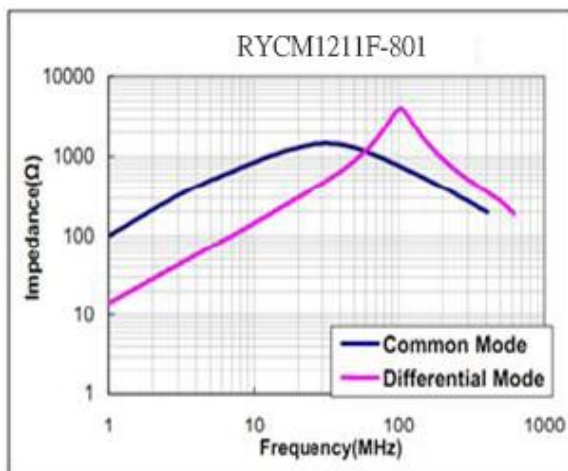
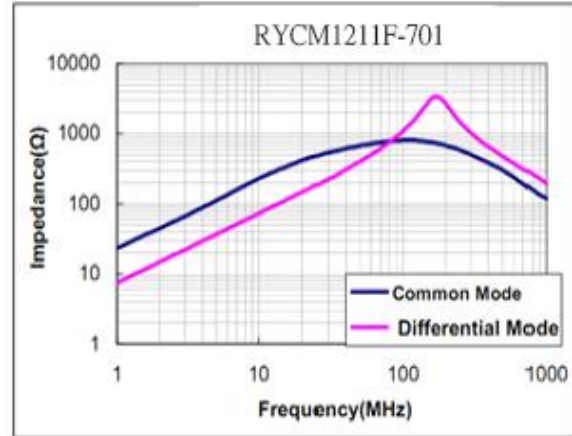
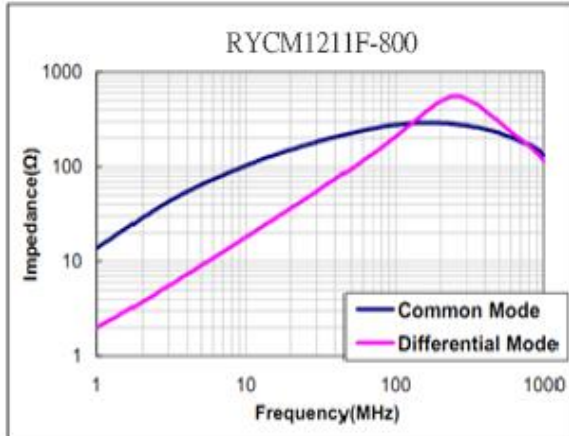
1	2	3	4	5	6	7	8	9	10	11		
R	Y	C	M	-	1	2	1	1	-	7	0	1
<u>Serial Codes</u>					<u>Size</u>			<u>Inductors</u>				

ELECTRICAL CHARACTERISTICS

Product No.	Z (Ω) at 100MHz		Test Freq	DCR(Ω) Max(1LINE)	Rated Current (A)Max	IR (MΩ) MIN	Rated Voltage (V)MAX
	MIN	TYP					
RYCM1211F-800	80	230	100MHz/0.5V	2.0m	10.0	10	125
RYCM1211F-701	500	700	100MHz/0.5V	6.0m	8.0	10	125
RYCM1211F-801	600	800	100MHz/0.5V	8.0m	8.0	10	125
RYCM1211F-102	750	1000	100MHz/0.5V	14m	6.0	10	125
RYCM1211F-222	2200	2500	100MHz/0.5V	35m	1.8	10	125
RYCM1211F-272	2300	2700	100MHz/0.5V	50m	1.5	10	125

- ⊙ All test Data is referenced to 25°C ambient
- ⊙ Typical Heat Rating DC Current would cause an approximately ΔT of 40°C
- ⊙ Operation Temperature Range : -40°C ~ 125°C
- ⊙ The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.
- ⊙ Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all effect the part temperature. Part temperature should be verified in the end application.

ITEM P/N	RYCM1211F-SERIES	TEST INSTRUMENT	Agilent4287/Agilent4338
PRODUCT	功率电感	TEST FREQUENCY	100MHz/0.5V

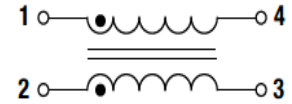
CHARACTERISTICS

ITEM P/N	RYCM1211F-SERIES	TEST INSTRUMENT	Agilent4287/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.5V

NOTE :

1.印字规格：黑色Gulim 9.5#字体

CIRCUIT DIAGRAM

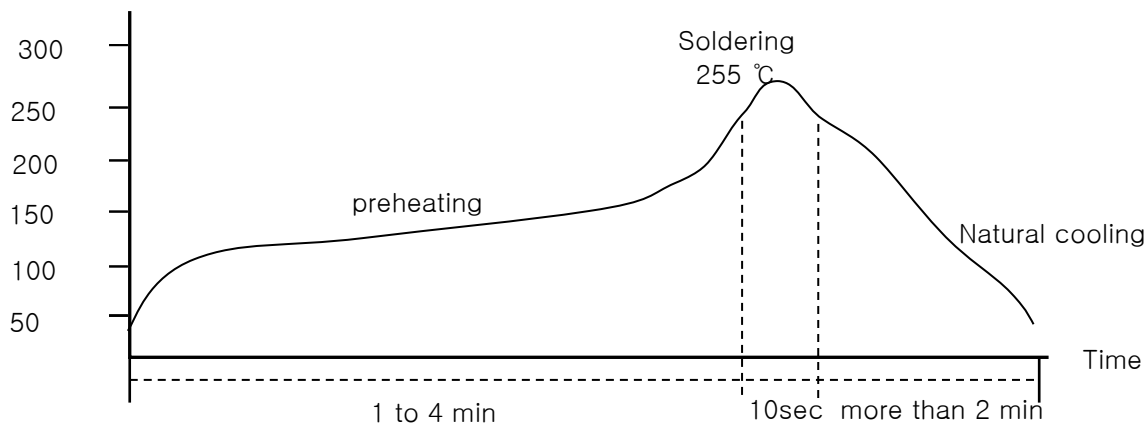


MATERIAL LIST

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	FYE OR EQ
2	WIRE	2UEW P180	PACIFIC OR EQ
3	INK	BLACK	BON OR EQ
4	CASE	LCP	LANCHENG OR EQ
5	SOLDER	SN CU	SHENMAO OR EQ

IR Reflow profile

Temperature °C

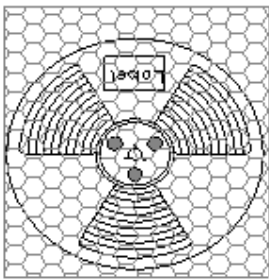


Temperature and humidity . After that , no mechanical and electrical defect should be found .

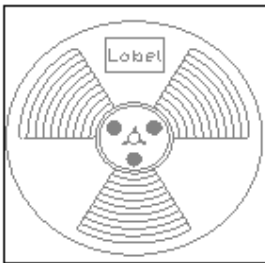
ITEM P/N	RYCM1211F-SERIES	TEST INSTRUMENT	Agilent4287/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.5V

PACKAGING

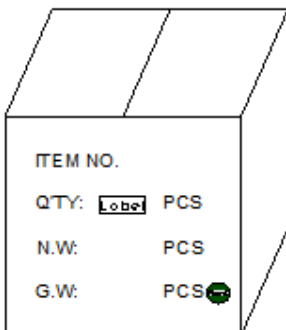
- 1、轮盘规格：13'(直径330mm)
数量：500PCS/盘
作业说明：A.摆料方向为字首朝导带孔。
B.载带尾部用美纹胶纸固定。



- 2、数量：500PCS/袋。
作业说明:编带检查好的产品装进PE中。



- 3、数量：1000PCS/盒
作业说明：标签朝上装入内盒里面，将内盒盖扣好。



- 4、数量：5000PCS/箱。
作业说明：A.先将内、外箱底部封好，内箱装进外箱里面。
B.将内盒装进内、外箱里面，并用透明胶带封好外箱顶部。
C.在外箱位置贴一张外箱标签。
D.当尾数箱不足一整箱时需用内盒或填充物装满。

ITEM P/N	RYCM1211F-SERIES	TEST INSTRUMENT	Agilent4287/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.5V

RELIABILITY

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