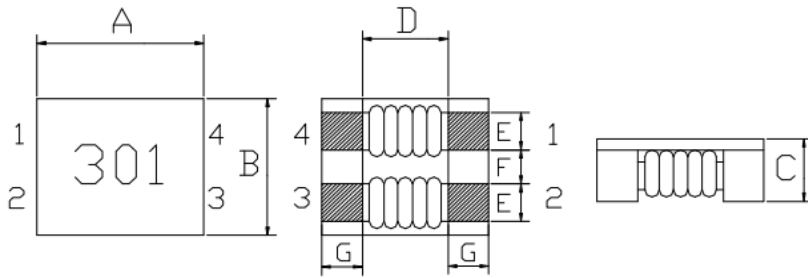


ITEM P/N	RYCM7060F-SERIES	TEST INSTRUMENT	Agilent4291/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.1V

PACKING DIMENSIONS (mm)

7060F-101	Dimensions
A	7.0 ±0.5
B	6.0 ±0.5
C	3.8MAX
D	3.5typ
E	1.5 ±0.2
F	1.5 ±0.2
G	1.75 ±0.2

EXPLANATION OF PART NUMBERS

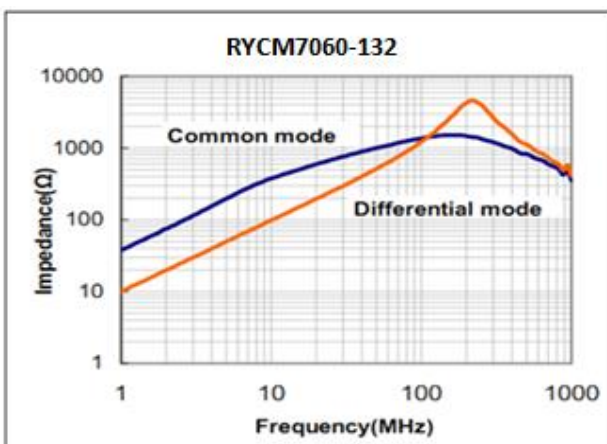
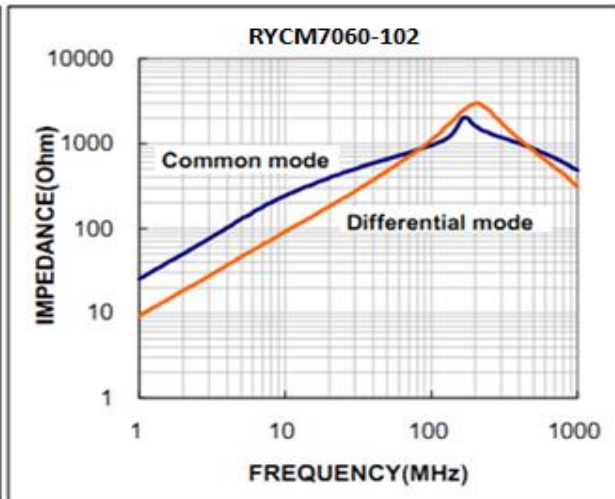
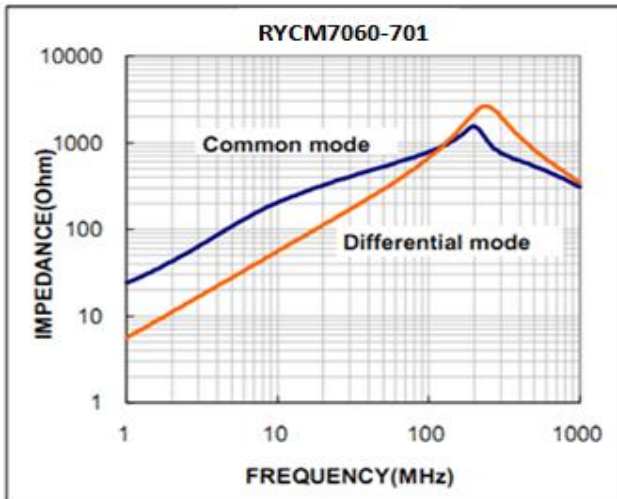
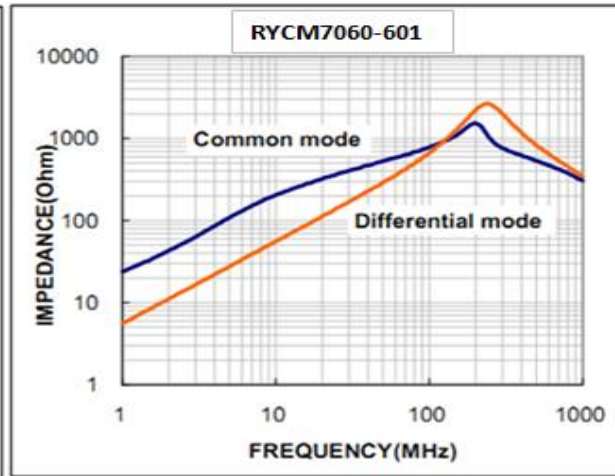
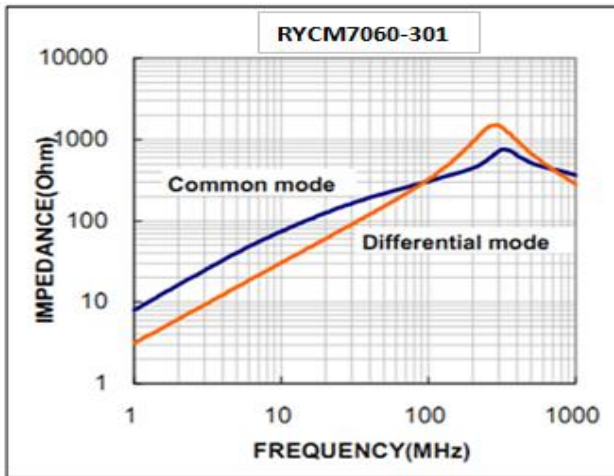
1	2	3	4	5	6	7	8	9	10	11		
R	Y	C	M	-	7	0	6	0	-	1	0	1
Serial Codes					Size			Inductors				

ELECTRICAL CHARACTERISTICS

Product No.	Z (Ω) 100MHz/0.1V		DCR(Ω) Max(1 LINE)	Rated Current (A)Max	IR (MΩ) MIN	Rated Voltage (V) MAX	MARKING
	MIN	TYP					
RYCM-7060F-101	100	140	10m	9	10	80	101
RYCM-7060F-301	225	300	10m	5	10	80	301
RYCM-7060F-501	275	350	10m	5	10	80	501
RYCM-7060F-601	500	700	15m	4	10	80	601
RYCM-7060F-701	500	700	15m	4	10	80	701
RYCM-7060F-102	800	1020	17m	3	10	80	102
RYCM-7060F-132	910	1300	21m	2.5	10	80	132

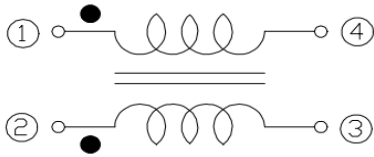
- ⊙ All test Data is referenced to 25°C ambient
- ⊙ Typical Heat Rating DC Current would cause an approximately ΔT of 40°C
- ⊙ Operation Temperature Range : -40°C ~ 125°C
- ⊙ The Part temperature (ambient + ΔT) should not exceed 125°C under worst case operating conditions.
- ⊙ Circuit design, component 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	RYCM7060F-SERIES	TEST INSTRUMENT	Agilent4291/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.1V

CHARACTERISTICS

ITEM P/N	RYCM7060F-SERIES	TEST INSTRUMENT	Agilent4291/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.1V

CIRCUIT DIAGRAM

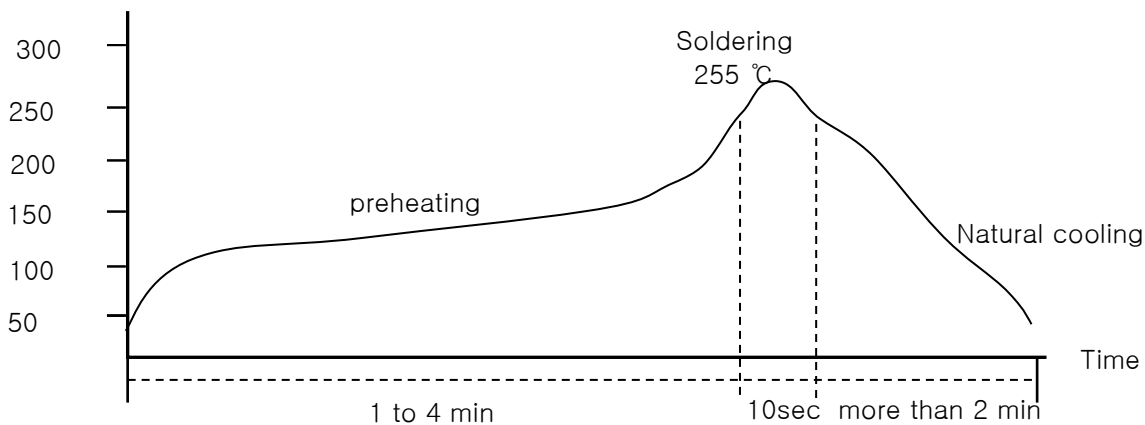


MATERIAL LIST

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	FYE OR EQ
2	WIRE	2UEW P180	PACIFIC OR EQ
3	INK	WHITE	BON OR EQ
4	ADHESIVE	EPOXY RESIN	SHAW HUOW OR EQ
5	CASE	LCP	LANCHENG OR EQ
6	SOLDER	SN CU	SHENMAO OR EQ

IR Reflow profile

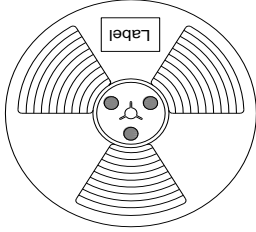
Temperature °C



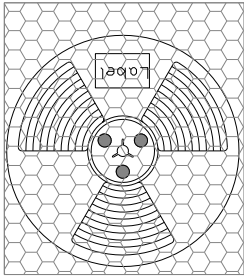
Temperature and humidity . After that , no mechanical and electrical defect should be found .

ITEM P/N	RYCM7060F-SERIES	TEST INSTRUMENT	Agilent4291/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.1V

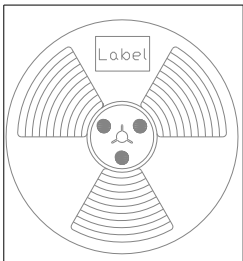
PACKAGING



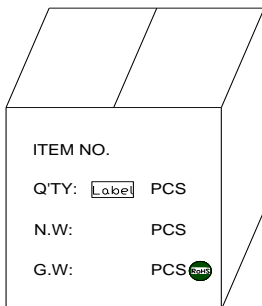
- 1、轮盘规格：13'(直径330mm)
数量：1500PCS/盘
作业说明：A.摆料方向为字首朝导带孔。
B.载带尾部用美纹胶纸固定。



- 2、数量：1500PCS/袋。
作业说明:编带检查好的产品装进PE中。



- 3、数量：4500PCS/盒
作业说明：标签朝上装入内盒里面，将内盒盖扣好。

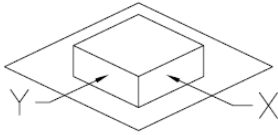


- 4、数量：22500PCS/箱。
作业说明：A.先将内、外箱底部封好，内箱装进外箱里面。
B.将内盒装进内、外箱里面，并用透明胶带封好外箱顶部。
C.在外箱位置贴一张外箱标签。
D.当尾数箱不足一整箱时需用内盒或填充物装满。

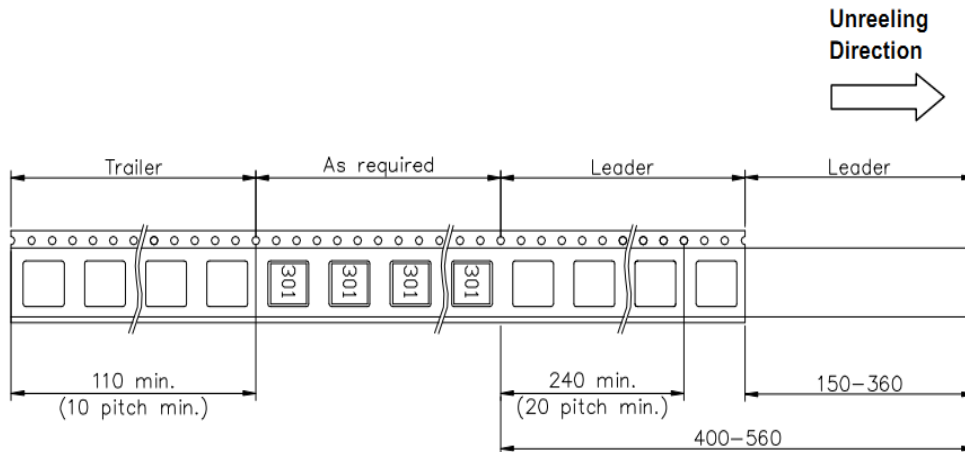
ITEM P/N	RYCM7060F-SERIES	TEST INSTRUMENT	Agilent4291/Agilent4338
PRODUCT	功率電感	TEST FREQUENCY	100MHz/0.1V

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

TAPING SPECIFICATIONS

Transparent carrier and cover tape/透明載帶和覆蓋帶

Adhesive strength of cover tape is 20 to 120 gf

The conduction band direction

