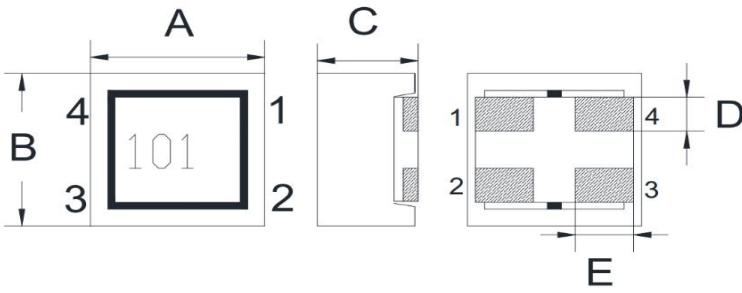
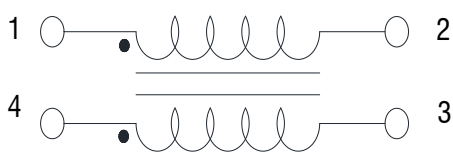
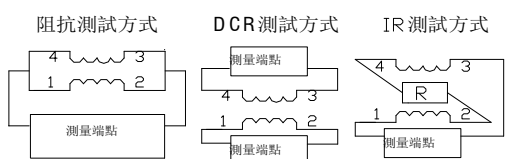
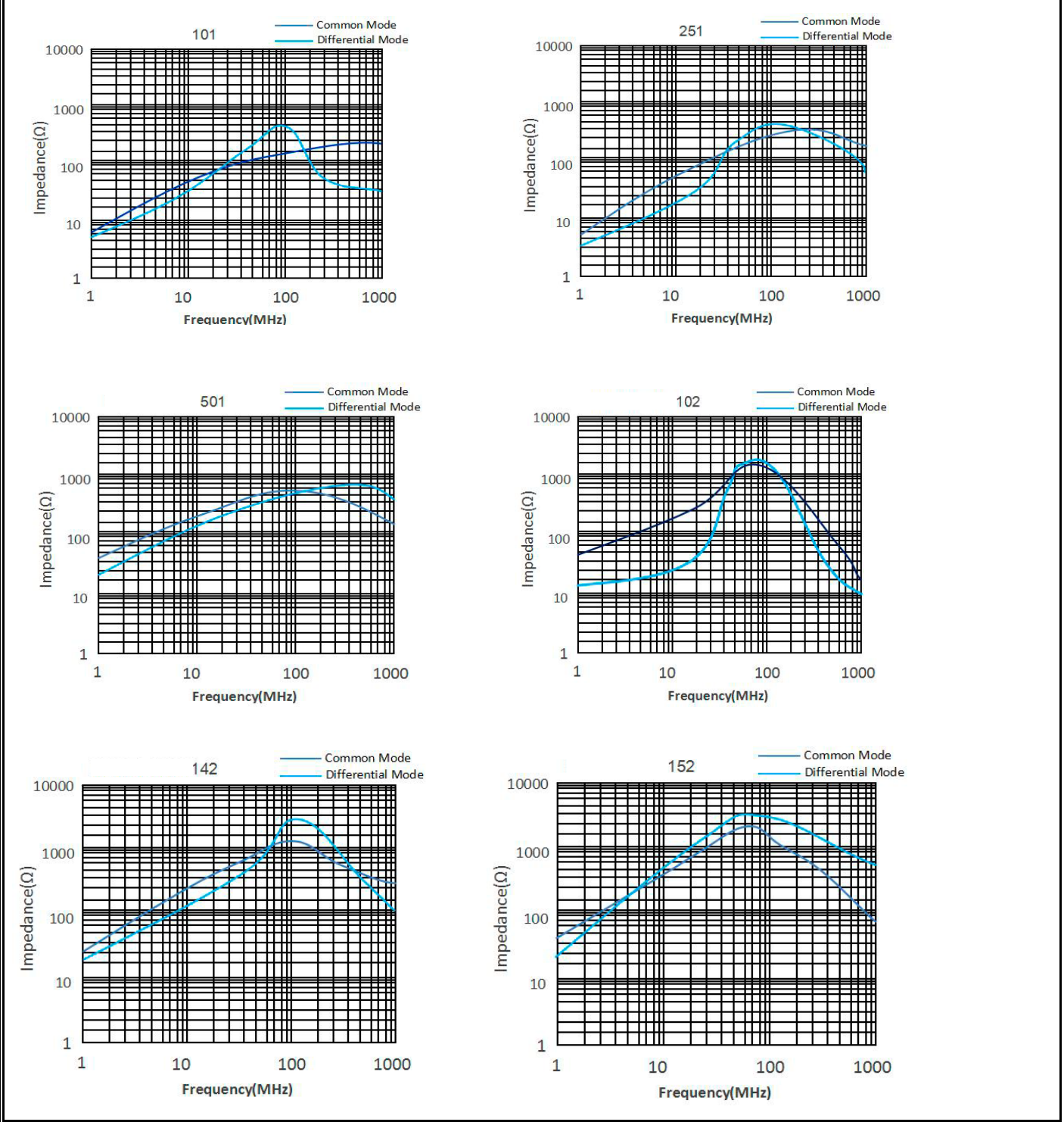


CUSTOMER		CUSTOMER P/N		REV.	1.01		
PRODUCT TYPE	贴片共模电感	OURS P/N	AMCH5025P-2-SERIES	FILE NO.			
1.DIMENSION (UNIT: mm)				A	4.8±0.2		
				B	5.0±0.2		
				C	2.8MAX		
				D	1.0TYP		
				E	1.65TYP		
2.CIRCUIT DIAGRAM							
							
3.ELECTRICAL CHARACTERISTIC							
Part Number	Common mode Impedance(Ω)		RDC (mΩ) Max	Rated Current (A)Max	Rated Voltage (V) Max	RI (MΩ) Min	MARK
	100MHz/0.5V						
AMCH5025P-2-101T-CND	70	100	13	6.0	50	10	101
AMCH5025P-2-251T-CND	175	250	20	5.0	50	10	251
AMCH5025P-2-501T-CND	350	500	27	4.0	50	10	501
AMCH5025P-2-102T-CND	700	1000	34	2.0	50	10	102
AMCH5025P-2-142T-CND	980	1400	56	1.5	50	10	142
AMCH5025P-2-152T-CND	1050	1500	56	1.5	50	10	152
4.測試儀器 L:HP4284A Z(Ω):HP4395A RDC(mΩ):CH502BC I.R(MΩ):19073 特性測試方式如下：			5:注意事項 1. 產品符合《環境關聯物質管理標準規定》。 2. 平貼度0.10mmMax 3. 兩組同時繞線 4. I.R:電壓:測試時間:0.5S 5. IDC:溫升為40℃Typ				
							

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6.Graph characteristic chart

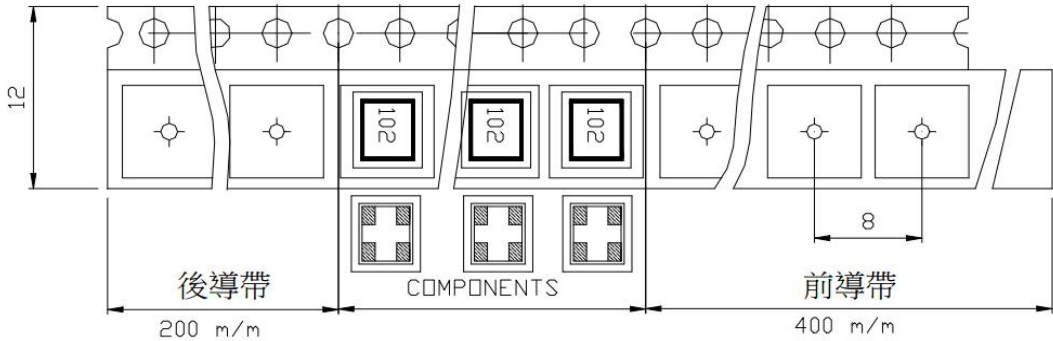


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PRODUCT TYPE	贴片共模电感	OURS P/N	AMCH5025P-2-SERIES	FILE NO.	

7.MATERIAL LIST

NO.	ITEM	DESCRIPTION	SUPPLIER
1	DR CORE	C-CORE5025-001	YUXINDIANZI
2	RI CORE	C-CORE5025-002	YUXINDIANZI
3	WIRE	2UEW P180	ELEKTRISOLA OR EQ
4	SOLDER	Sn Cu	SHENMAO OR EQ
6	INK	白色	BON MARK
7	EPOXY	FA661	HUIFENGDIANZI

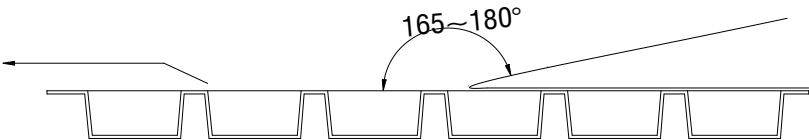
8.TAPING SPECIFICATIONS

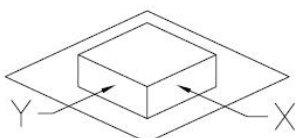
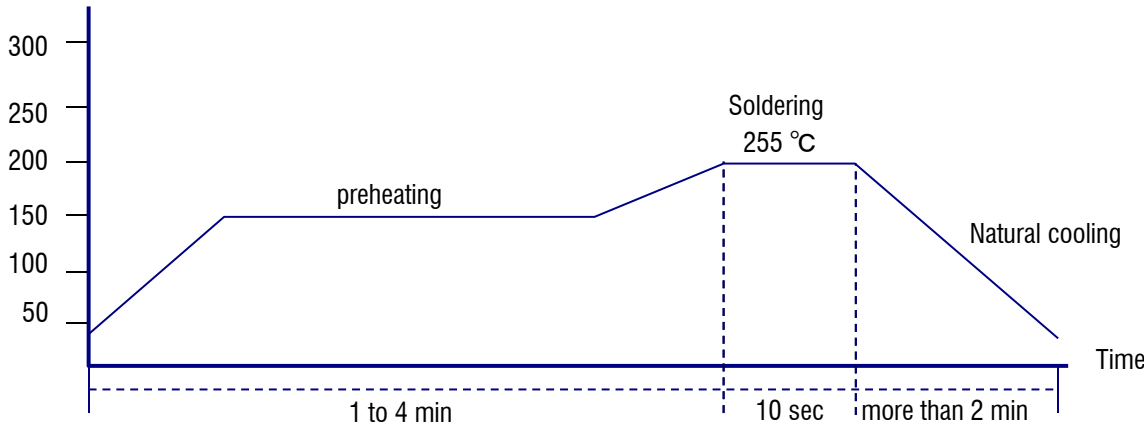


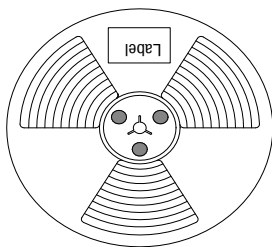
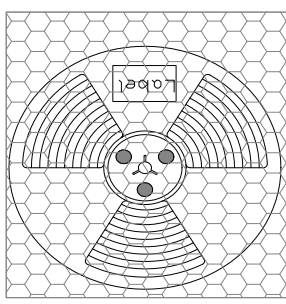
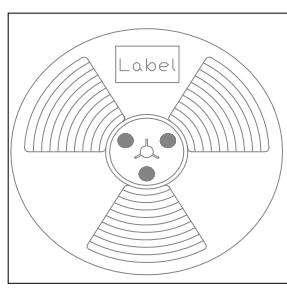
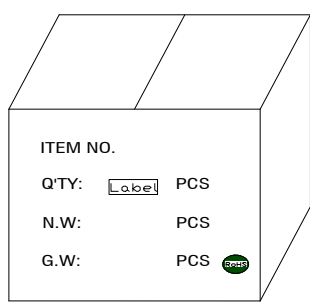
Transparent carrier and cover tape

Adhesive strength of cover tape is 20 to 120 gf

The conduction band direction



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PRODUCT TYPE	贴片共模电感	OURS P/N	AMCH5025P-2-SERIES	FILE NO.	
九.RELIABILITY TESTING					
Operating Temperature		-40to + 125 ℃ (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 / ℃ (- 40 ~ + 125 ℃)			
Humidity characteristics		Inductance deviation within ± 10% , after 96 hours in 90~95% relative humidity at 40 ± 2 ℃ 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 ℃  Temperature and humidity . After that , no mechanical and electrical defect should be found .					

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10.PACKING LIST					
		1、轮盘规格：12"(直径330mm) 数量：2500PCS/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：2500PCS/袋. 作业说明:编带检查好的产品装进PE中.			
		3、数量：10000PCS/盒 作业说明：标签朝上装入内盒里面，将内盒盖扣好.			
		4、数量：40000PCS/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.			