

# SPECIFICATIONS

Customer : \_\_\_\_\_

 Customer P/N: \_\_\_\_\_ ACW-  Series

Drawing No : \_\_\_\_\_

 Quantity : 0 Pcs. Date : 2017/09/06

 Meled P/N : \_\_\_\_\_ ACW-  Series/参照

SPECIFICATION	
ACCEPTED BY:	
COMPONENT ENGINEER	
ELECTRICAL ENGINEER	
MECHANICAL ENGINEER	
APPROVED	
REJECTED	

**For Customer approval Only**

 Qualification Status:  Full  Restricted  Rejected

Approved By	Verified By	Re-checked By	Checked By

Comments: \_\_\_\_\_

**Version change history**

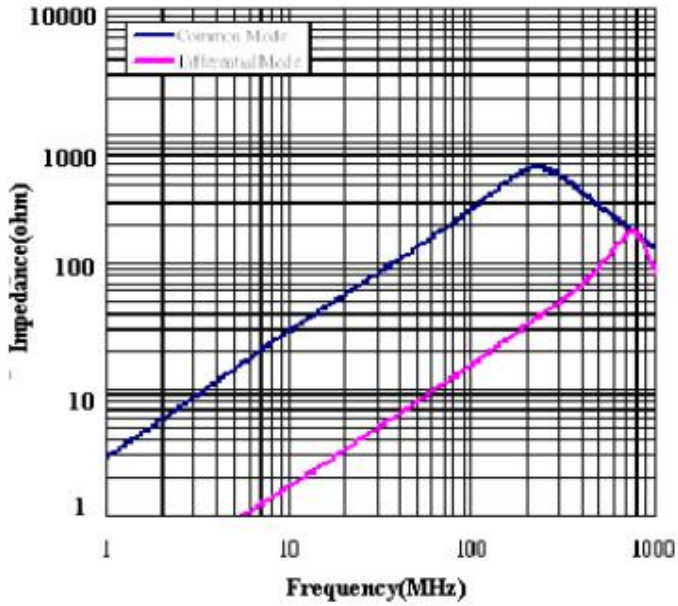
Rev.	Effective Date	Changed Contents	Change Reasons	Approved By
01	/	New release	/	/



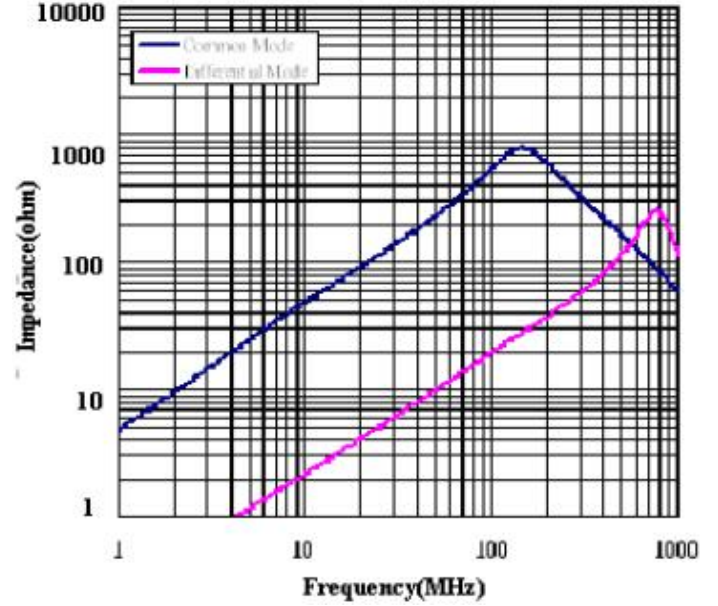
CUSTOMER	0	CUSTOMER P/N	-----	REV.	A
PRODUCT		Meled P/N	ACW5020-SERIES	FILE NO.	SP-20103001

**5. CHARACTERISTICS(REFERENCE)**

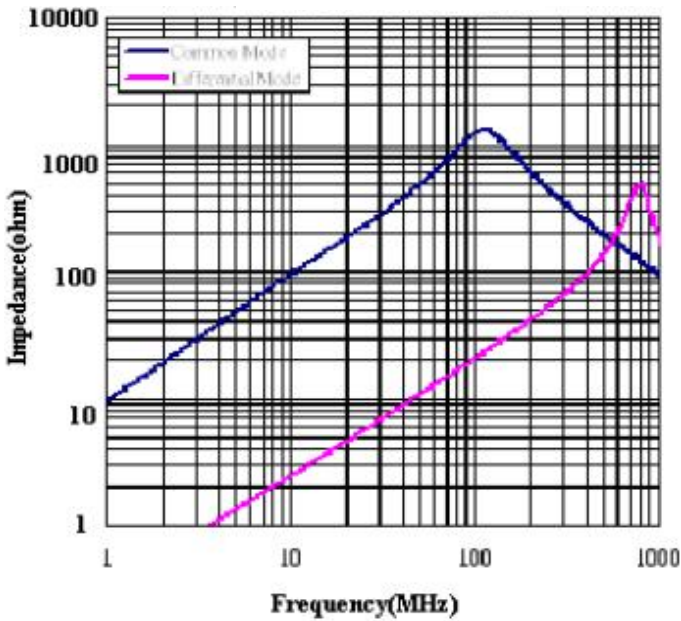
ACW5020-251T50



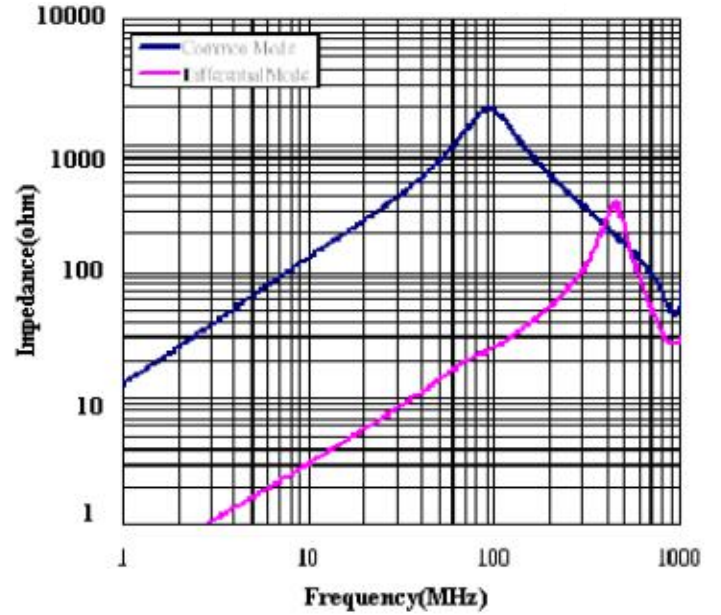
ACW5020-501T40



ACW5020-102T20



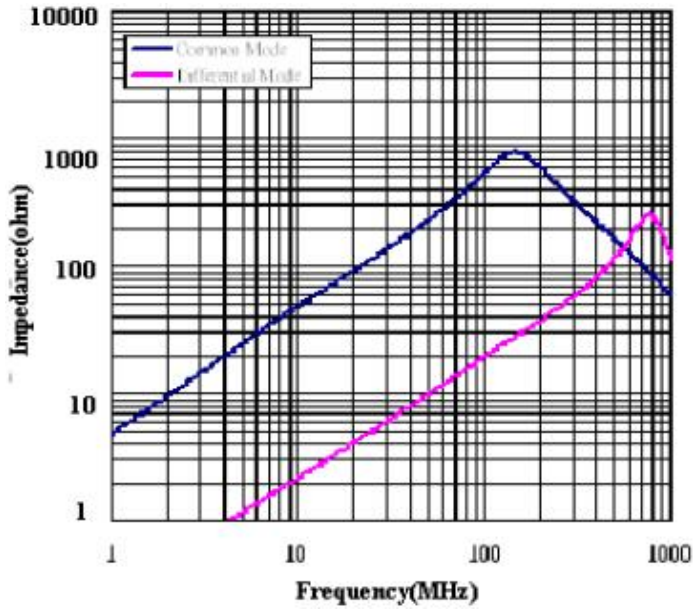
ACW5020-152T15



CUSTOMER	0	CUSTOMER P/N	-----	REV.	A
PRODUCT		Meled P/N	ACW5020-SERIES	FILE NO.	SP-20103001

**5. CHARACTERISTICS(REFERENCE)**

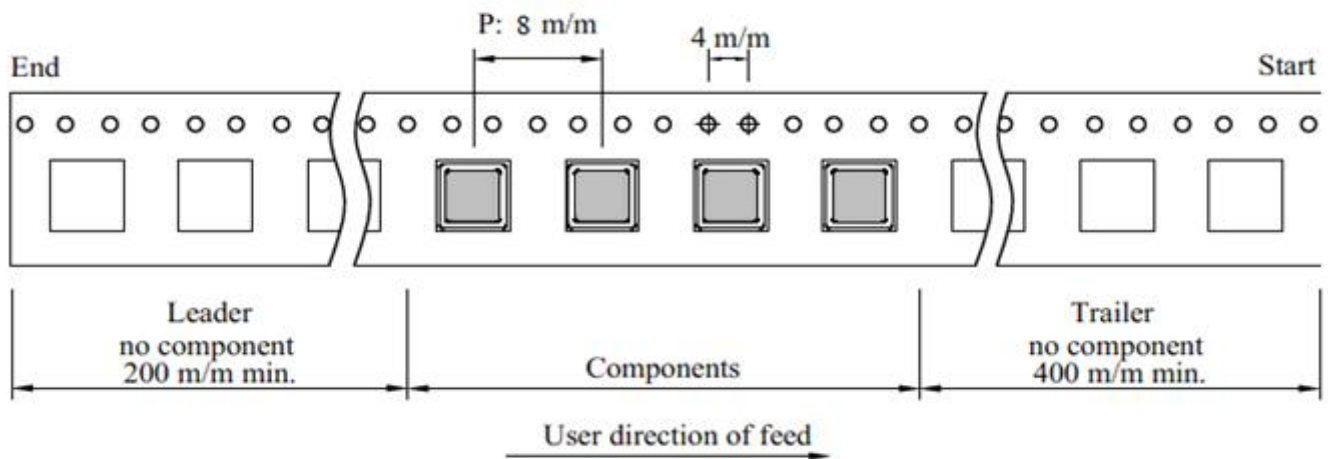
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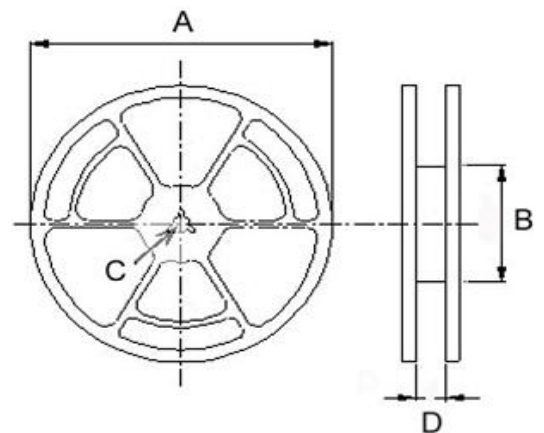
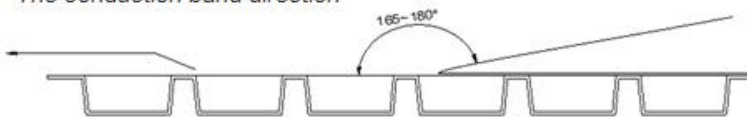
CUSTOMER	0	CUSTOMER P/N	-----	REV.	A
PRODUCT		Meled P/N	ACW5020-SERIES	FILE NO.	SP-20103001

**6. MATERIAL LIST**

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	FENGYIN OR EQ
2	WIRE	P180 Grd1	ELEKTRISOLA OR EQ
3	ADHESIVE	EPOXY RESIN	NAGASE OR EQ
4	SOLDER	Sn99.3:Cu0.7	SHENMAO OR EQ
8			

**7. TAPING SPECIFICATIONS**


Adhesive strength of cover tape is 20 to 120 gf  
The conduction band direction



Reel Dimensions (Unit: mm)				Quantity
A	B	C	D	Pcs/Reel
330	100	13	12.5	2500

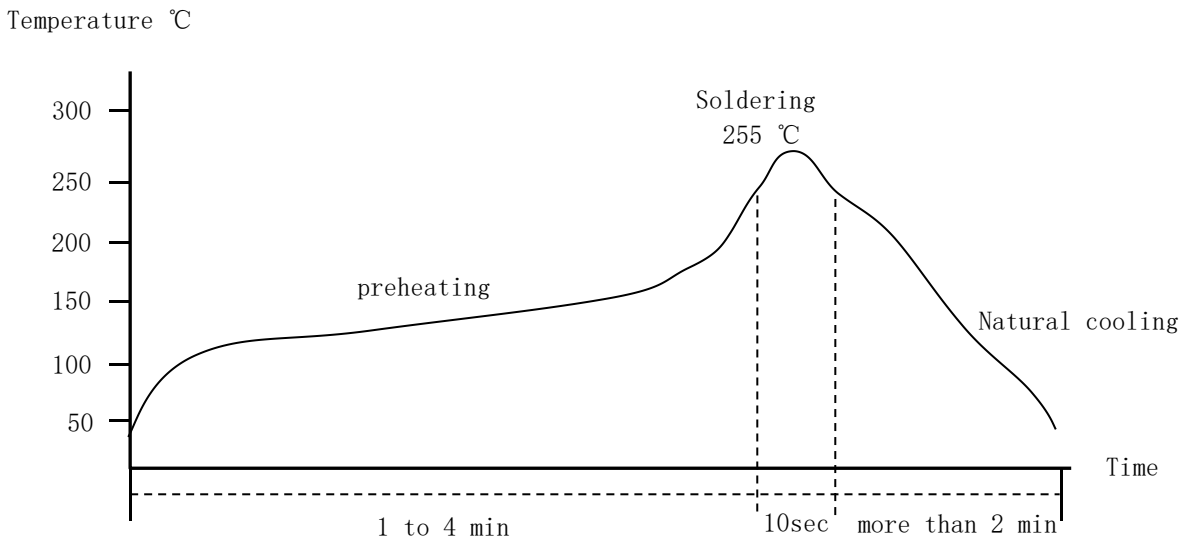
CUSTOMER	0	CUSTOMER P/N	-----	REV.	A
PRODUCT		Meled P/N	ACW5020-SERIES	FILE NO.	SP-20103001

### 8. 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 .

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[WTCF2012Z0M751PB](#) [PH9408.814NLT](#) [PAC6006.364NLT](#) [PAC6006.444NLT](#) [PAC6006.204NLT](#) [PH9407.204NLT](#) [PAC6006.264NLT](#)  
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