

SPECIFICATION FOR APPROVAL

BMF7060-SERIES

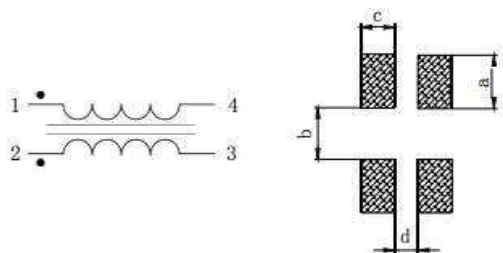
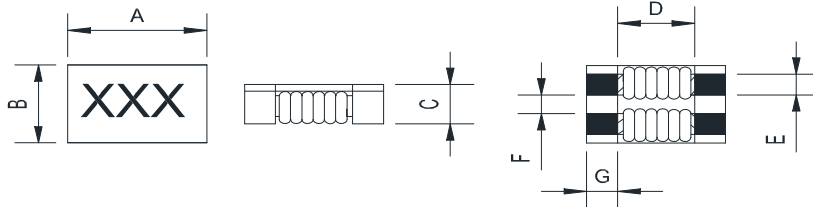
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I .CONFIGURATION&DIMENSIONS:



mm

inch

A: 7.0±0.5 0.275±0.02

B: 6.0±0.5 0.236±0.02

C: 3.8max 0.149max

D: 3.5typ 0.137typ

E: 1.5typ 0.059typ

F: 1.5typ 0.059typ

G: 1.75typ 0.118typ

a: 3.0REF 0.118REF

b: 2.9REF 0.114REF

c: 1.9REF 0.075REF

d: 1.3REF 0.051REF

II.Part Numbering system:(单位: mm)

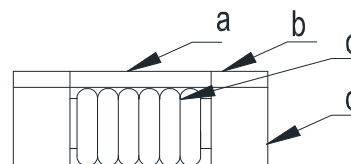
BMF	7 0 6 0	x x x	T	F
1	2	3	4	5
Common mode	dimensions (long7.0 wide6.0)	Impedance (701→ 阻抗700Ω)	Packing	CORE

III.MATERIALS:

NO. DESCRIPTION

- INKING
- BAES
- WIRE
- CLIP

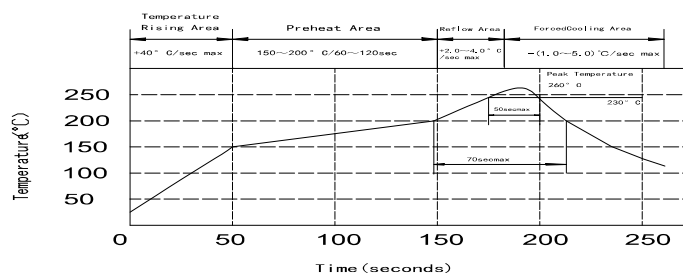
图示:



IV.GENERAL SPECIFICATION:

- All test DCR is referred to 25℃±5℃ ambient.
- Irms:DC current (A)that will cause an approximate ΔT of 40℃(Typical)
- Operatong temperature range -30℃ to +100℃.
- The part temperature(ambient+temp rise)should not e:
Circuit design,component placement,PWB trace size a
the part temperature.Part temperature should be verified in the end application.
- The rated current as listed is either the saturation current or the heating current depending on whith value is lower.

PeakTemp:260℃ max
Max time above230℃:50secmax
Max time above200℃:70secmax



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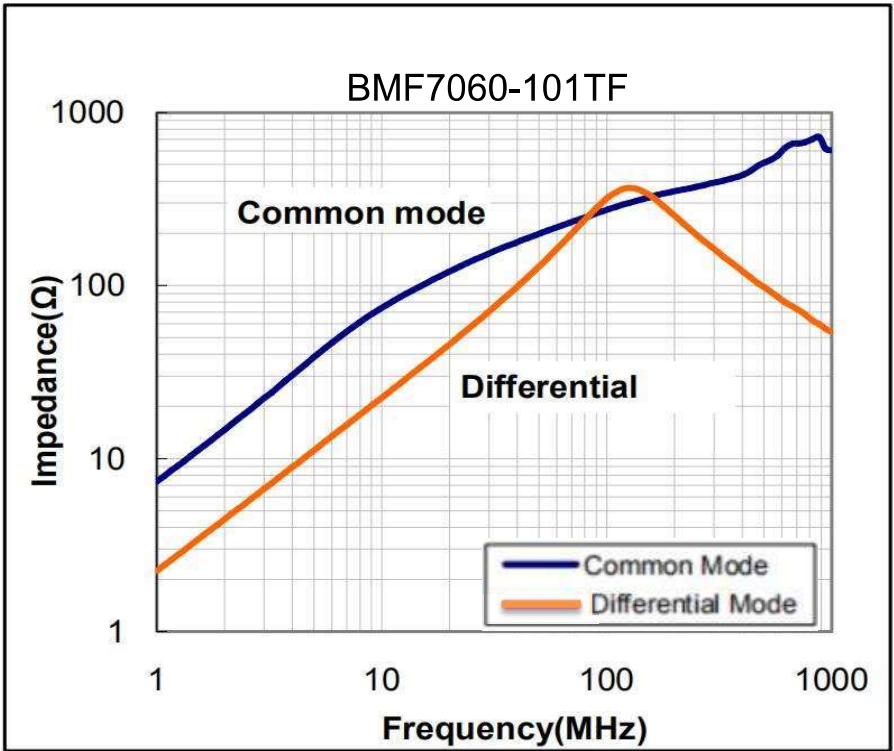
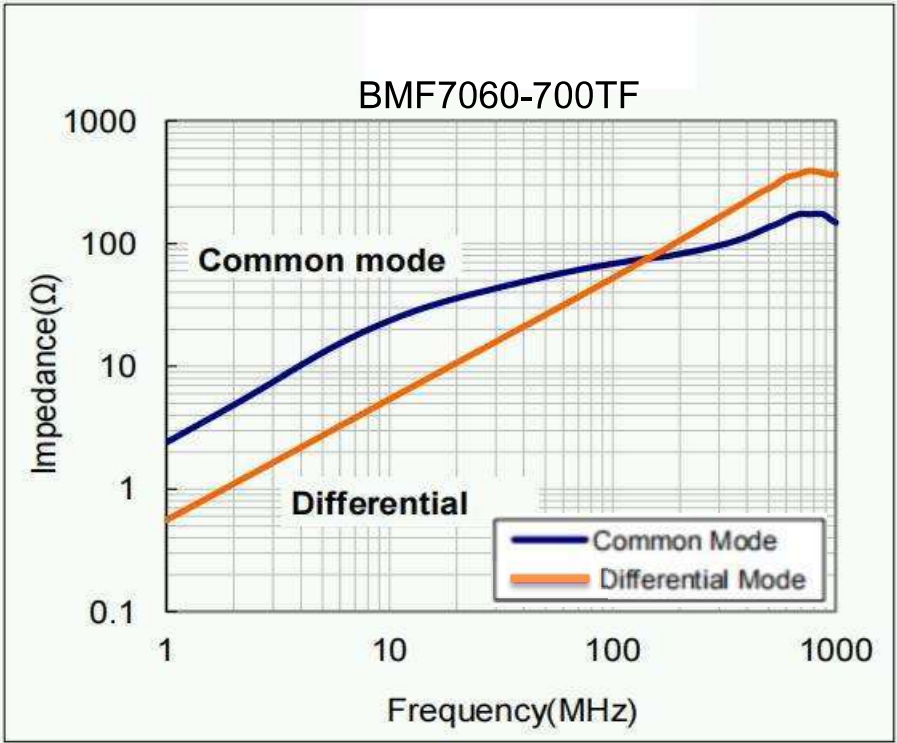
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V.特征曲线/CHARACTERISTICS(REFERENCE)



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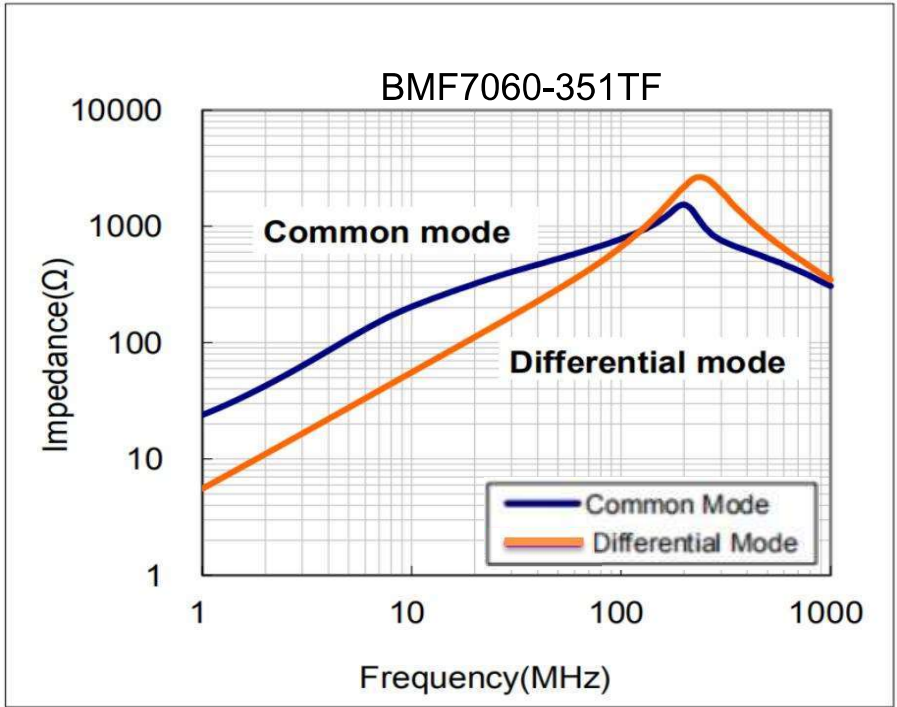
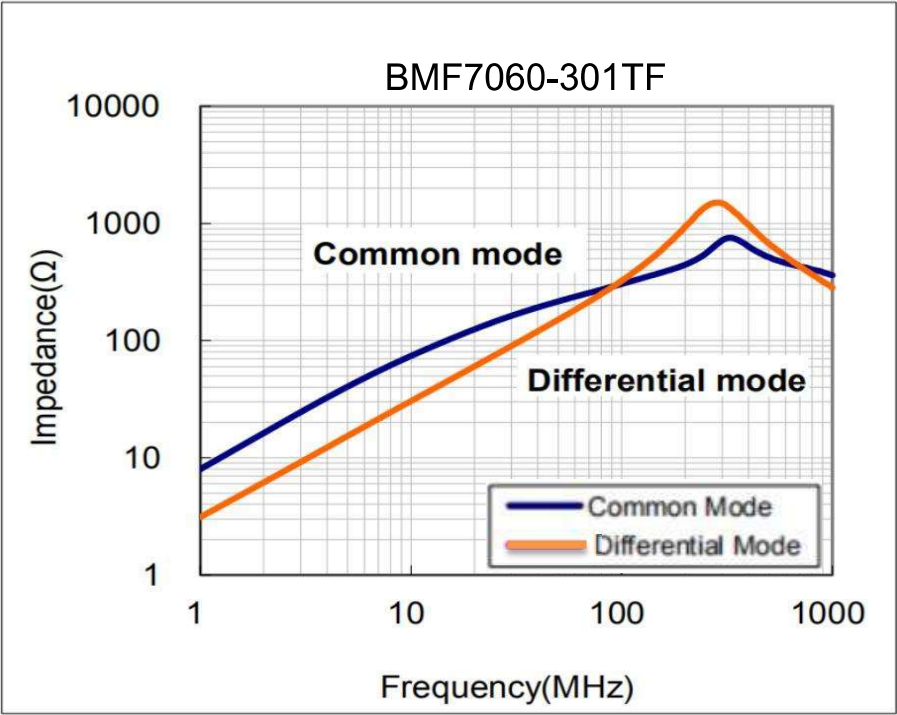
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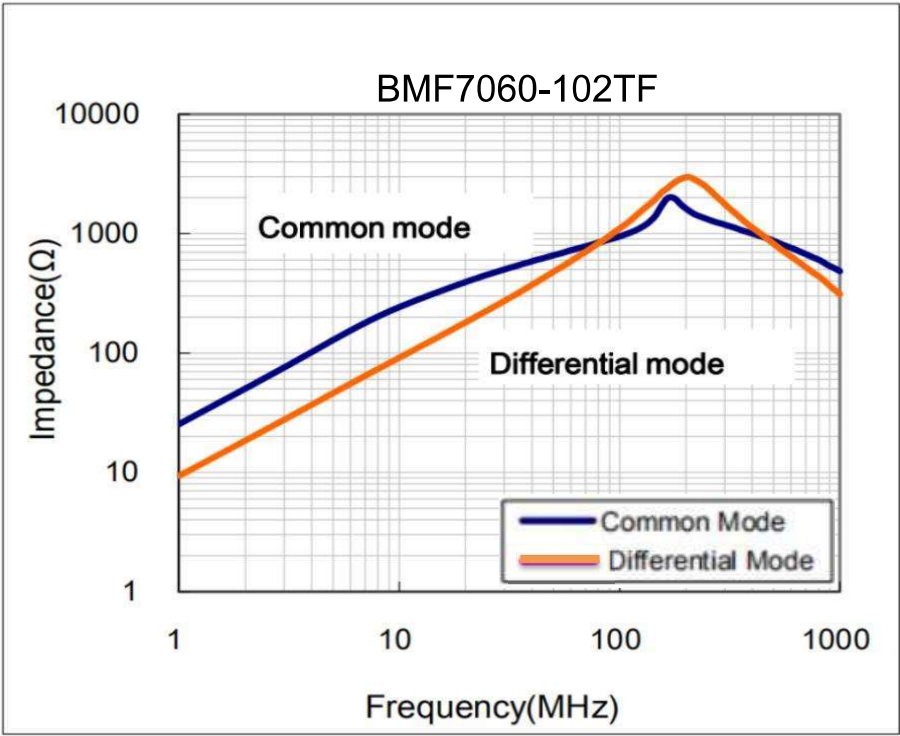
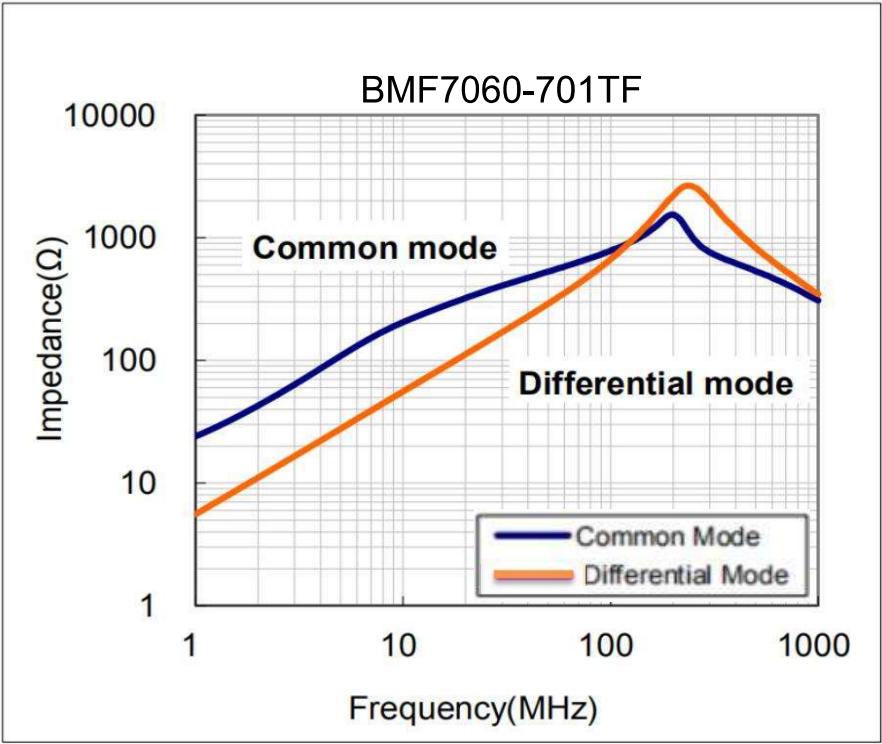


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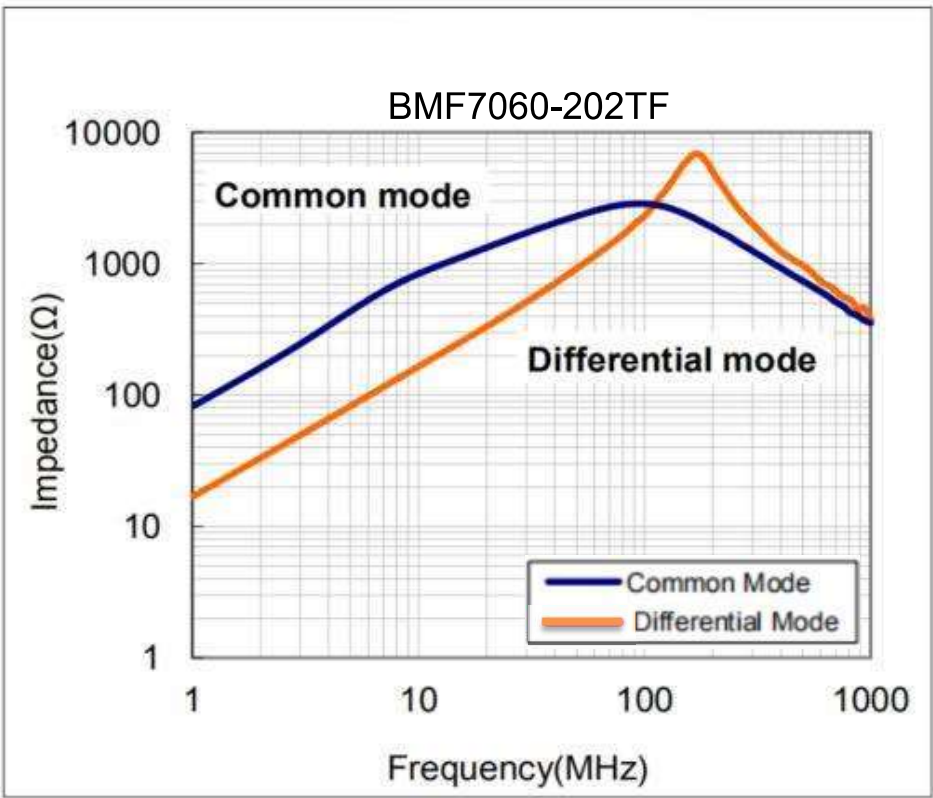
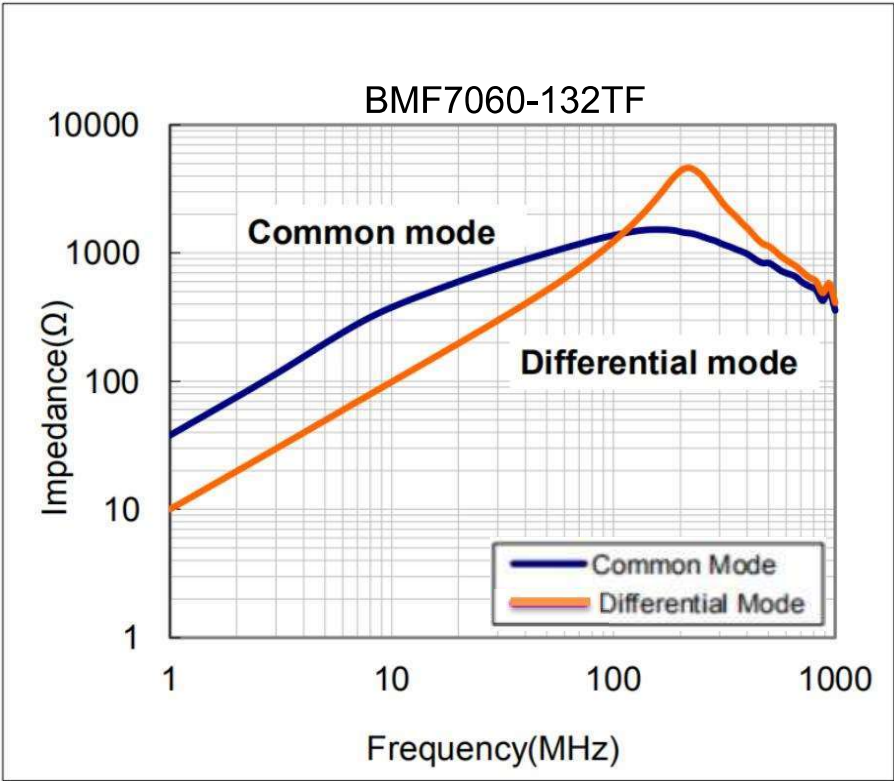


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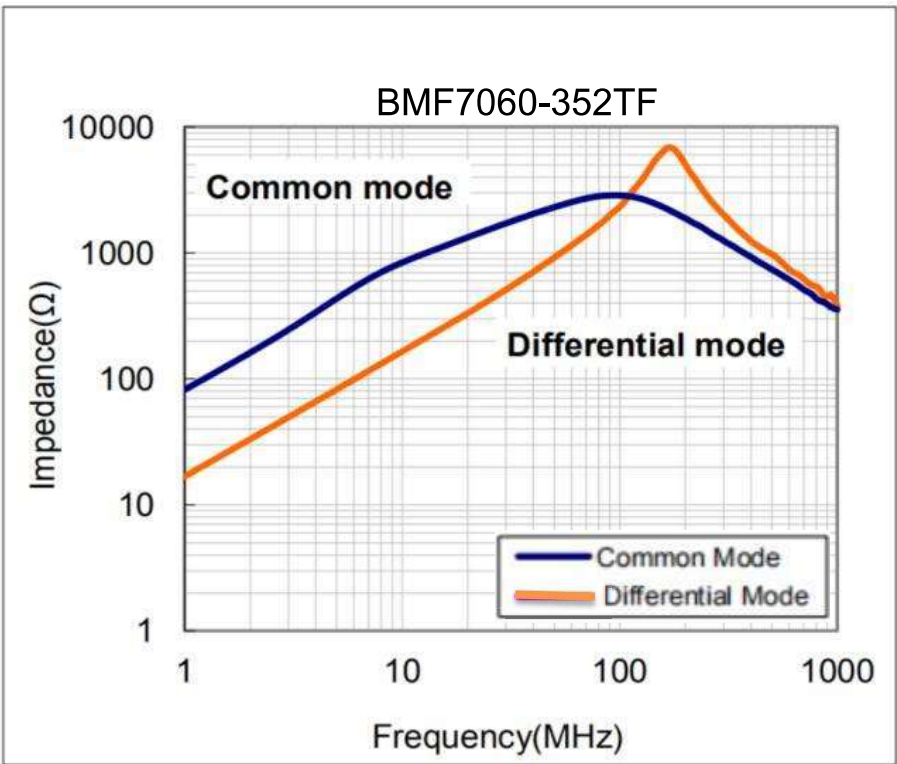
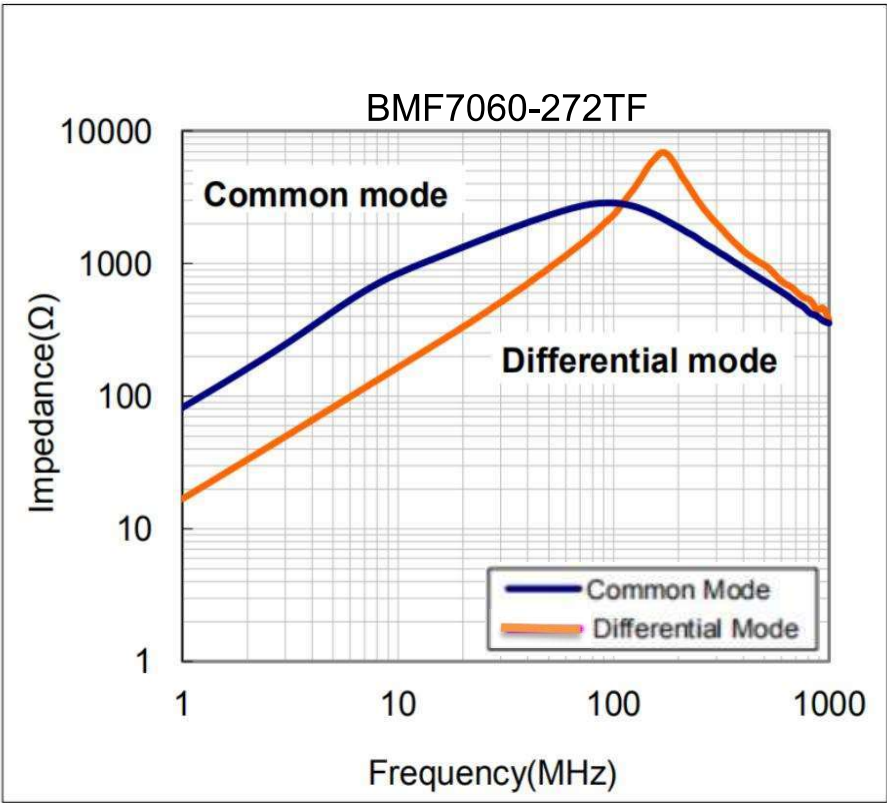


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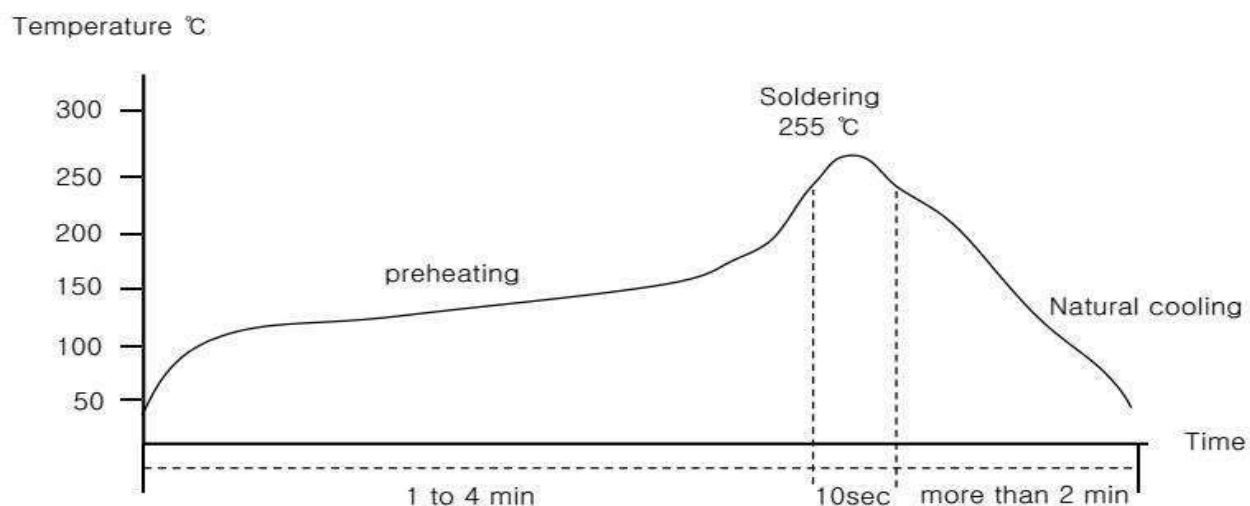
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VI. 可靠性测试/RELIABILITY TESTING

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 .

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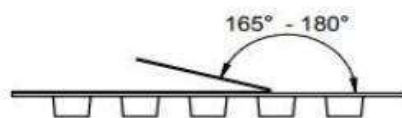
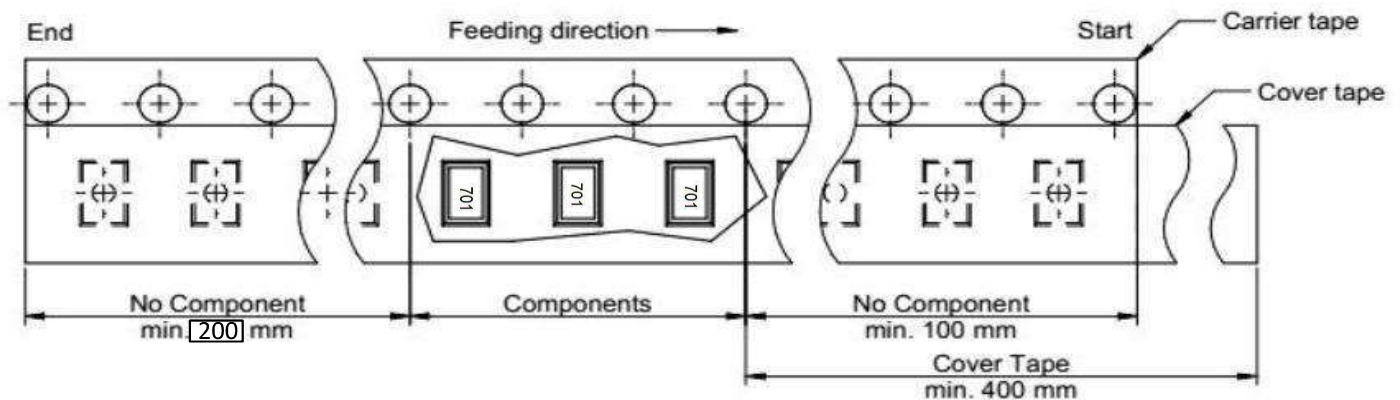
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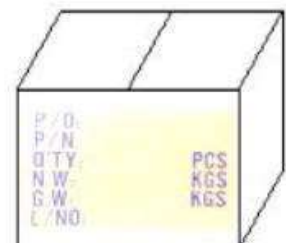
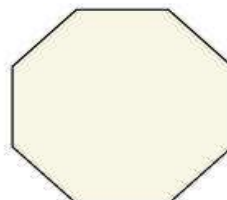
VII. 材料清单/MATERIAL LIST

NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	WIRE	P180 G1
3	COVER	MYLAR
4	TIN	107H
5	INK	WHITE

VIII. 包装规格/PACKING SPECIFICATIONS



Tape width	Distance	Pull-of force
16 mm	12 mm	20 ~120g



数量: 1500 PCS/盘

PE袋
数量: 4500 PCS/袋

内盒
数量: 4500 PCS/盒

外箱, 数量: 9000 PCS/箱
不足整箱用内盒或填充物装满