

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

DESCRIPTION: WIRE WOUND CHIP INDUCTOR

PART NO: MYI0603AQD100MST-HF

CUSTOMERMODELNO: _____

DRAWING		
MADE	CHECKED	APPROVED
邹声平	卢嘉良	曾凡强
DATE:	2025年8月9日	

CUSTOMER APPROVE



东莞市铭易轩电子科技有限公司

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CUSTOMER NO:		DATE:	2025年8月9日

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注意:

此物料不涉及汽车或相关产品方面的应用，否则，由此引起的一切品质和责任问题，我司将概不承担。



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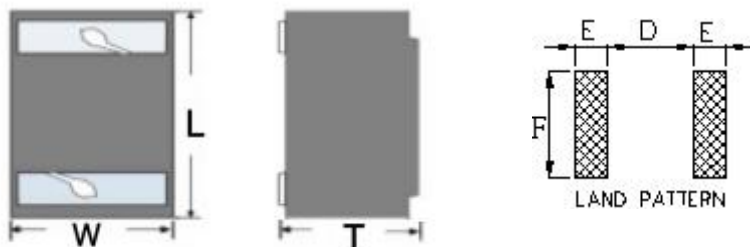
RESUME

[illegible]

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1. SHAPE & DIMENSION

UNIT:mm



CODE	L	W	T	E	F	D	
DIMENSION	1.8MAX	1.25MAX	1.2MAX	0.64Typ.	1.02Typ.	0.64Typ.	

2. CHARACTERISTICS @25°C

ITEM	SPEC. RANGE	TEST CONDITION	TEST INSTRUMENTS
L (μH)	10±20%	1MHz/0.5V	HP4286A
Q	18 TYP	1MHz/0.5V	
Rdc (Ω)	1.3 Typ. 1.6 Max.		502BC
Isat (A)	0.6A Typ. (0.51A Max.)		TH2829A+TH1778A
Irms (A)	0.33A Typ. (0.31A Max)		TH2829A+TH1778A
SRF (MHz)	30 Typ		E5071C ENA

3. PART NUMBERING SYSTEM

MYI □□□□ □□ □R□ □ □ □ — □□
1 2 3 4 5 6 7 8

- PRODUCT SYMBOL (产品代号)
- DIMENSIONS (规格尺寸)
- MATERIAL (芯片类型)
- INDUCTANCE (电感量)
- TOLERANCE (公差) : M±20%
- TERMINAL (端电极材料) : S-锡端头
- PACKAGING (包装方式) : T-编带盘装; B-散装
- E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

4. GENERAL SPECIFICATION

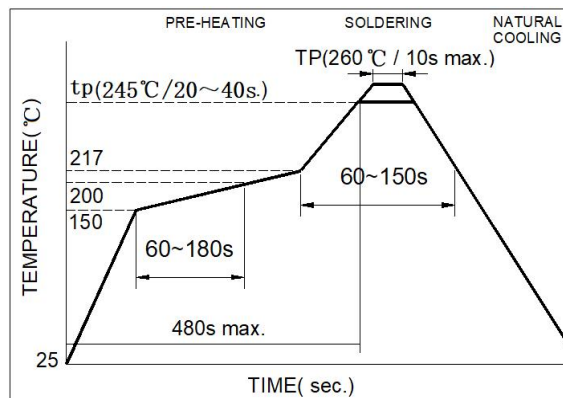
- Rating DC current: Temperature rise(ΔT) is 40°C approximately at I_{rms}.
- Saturation DC current: Inductance drop approximately 30% of L₀ at I_{sat}.
- Operating temp.: -40°C ~ +85°C (Including self-generated heat).
- Storage temp.: -10°C ~ +40°C R.H.: 60% Max
- Moisture sensitivity level (MSL) 1
- Recommended products should be used within 12 months from the date of delivery

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5. SOLDERING CONDITIONS

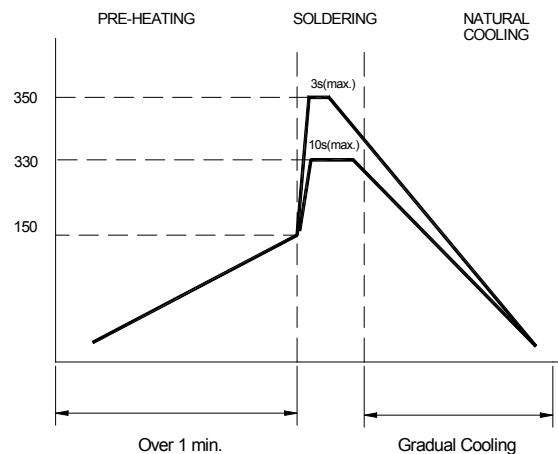
Figure 1.
Re-flow
Soldering (Lead
Free)



Note:

- Preheat circuit and products to 150°C
- 260°C tip temperature (max)
- Reflow times: no more than 2 times
- Solder paste thickness: the best 0.08mm is ,but max is 0.1mm

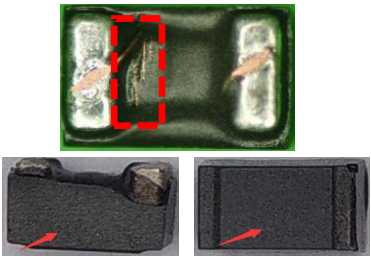
Figure 2.
Hand Soldering



Note:

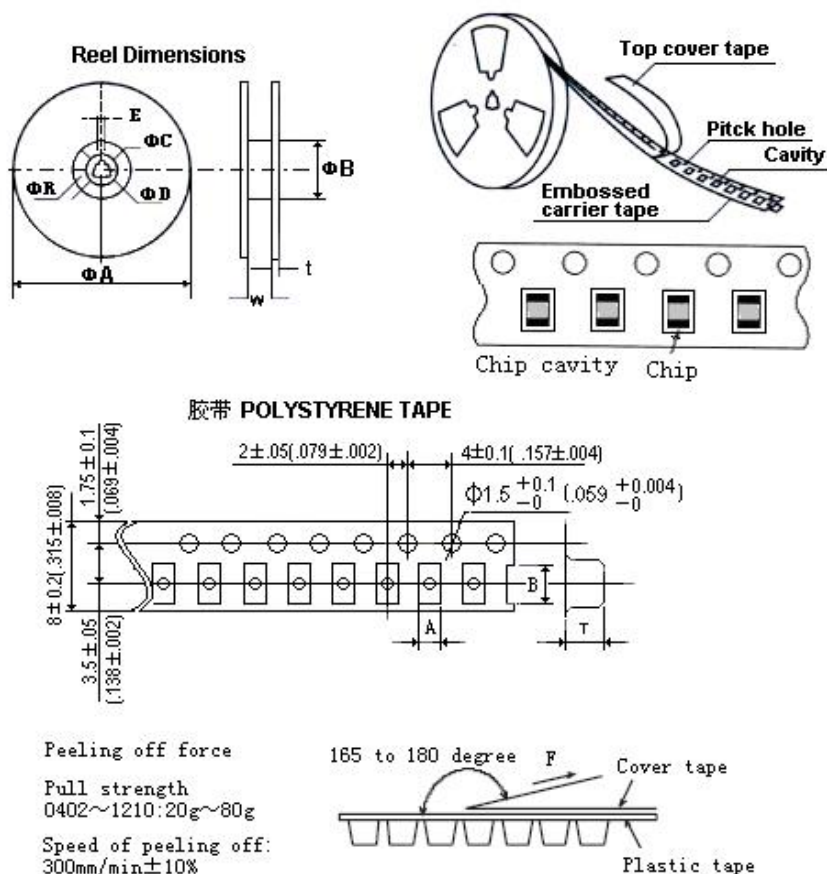
- Use a 20 watt soldering iron with tip diameter of 1.0mm
- Limit soldering time to 3 sec.

6.APPEARANCE STANDARD

Appearance Defect	Graphic	Judging Standard
Copper wire exposed		Area of copper wire exposed in magnetic shield area less than 0.06 square millimeter is OK.
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7. PACKAGING(unit: mm)



	A	B	T
	Typ	Typ	Typ
胶带	1.15	1.83	0.95

ΦA	ΦB	ΦC	ΦD	E	W	t	
Typ	Typ	Typ	Typ	Typ	Typ	Typ	
178	60	13	21	2	8.4	2	

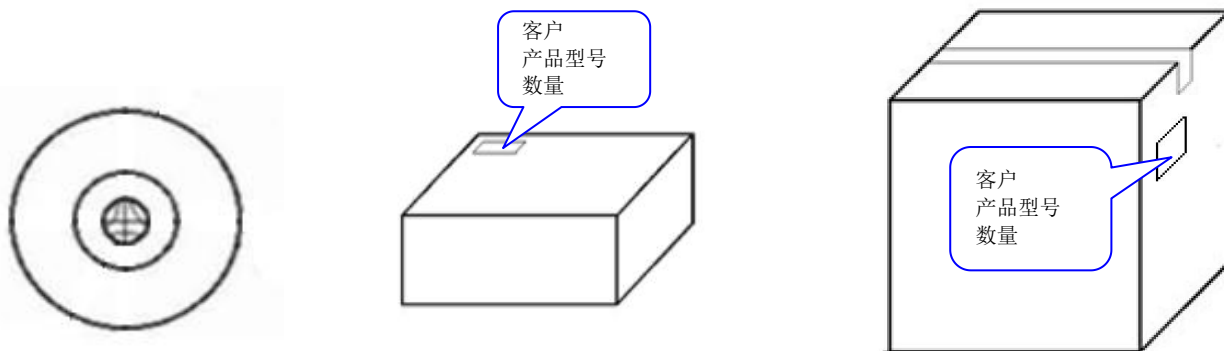
包装数量(PACKAGING QUANTITY): 4000Pcs/盘

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8.Package Specifications

■Inside Box And Outside Carton



卷轴数量	内盒包装数量	外箱包装数量
每卷:4000 PCS	每盒四盘, 共16000 PCS	小箱6盒, 共96000 PCS
		中箱8盒, 共128000 PCS
		大箱10盒, 共160000 PCS
	内盒包装尺寸	外箱包装尺寸
	20.3*19.3*5.5cm	小号外箱, 40.6*23*19.7cm
		中号外箱, 41*22*26cm
		大号外箱, 41*22*33cm
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