



承認書

SPECIFICATION FOR APPROVAL

CUSTOMER:

DESCRIPTION:

COMMON MODE CHOKE

PART NO:

MWBA3225L系列

CUST. PART NO:

REV. NO.

A0

DRAWING		
PREPARED	CHECKED	APPROVED
邹声平	卢嘉良	曾凡强
DATE:	2025/5/5	

CUSTOMER APPROVE

DDY® 德立电子&铭易轩

东莞市铭易轩电子科技有限公司

DongGuan Ming Yixuan Electronic Technology Co., LTD.

地址: 广东省东莞市大朗镇景泰路20号VV大厦

工厂地址: 广东省惠州市博罗县洲际工业园梅园三路

电话: 13640935893 , 15970768093

网址: <http://www.dgmingyixuan.com>



MODIFY RECORD 变更履历

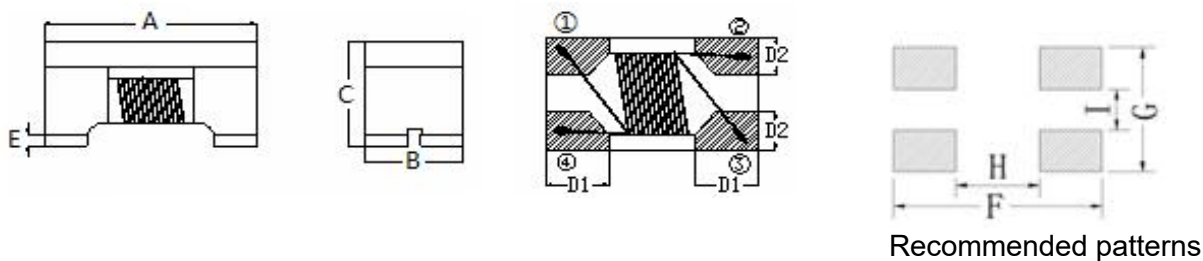
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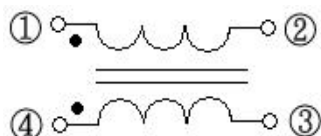
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1. SHAPE & DIMENSION (UNIT:mm)



A	B	C	E	D1	D2	F	G	I	H
3.2 ±0.2	2.5 ±0.2	2.50 ±0.1	0.2 Typ.	0.80 Typ.	0.90 Typ.	4.00 Typ.	2.80 Typ.	0.60 Typ.	1.60 Typ.

2. SCHEMATIC



3. PART NUMBERING SYSTEM

MWBA 3225 L 110 T - HF
① ② ③ ④ ⑤ ⑥ ⑦

- ① PRODUCT SYMBOL (产品代号)
- ② DIMENSIONS (规格尺寸)
- ③ TYPE (类型)
- ④ INDUCTANCE (电感量)
- ⑤ TOLERANCE (公差) : +50%/-30% (省略不标识)
- ⑥ PACKAGING (包装方式) : T-编带盘装; B-散装
- ⑦ E.P. (环保) : LF—Lead Free HF—Halogen Free FP—Red Phosphor Free

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4. ELECTRICAL CHARACTERISTICS

No.	Part Number	Z	L	Freq	Rdc	Irms	Rated Voltage	Insulation Resistance
		10MHZ(Ω)	(μ H)	(KHz/V)	(Ω)Max	(mA)Max	Volts	(M Ω) Min
1	MWBA3225L110T-N-HF	300min	11 +50%/-30%	100/0.1	0.40	300	50	10
2	MWBA3225L220T-N-HF	500min	22 +50%/-30%	100/0.1	0.50	250	50	10
3	MWBA3225L510T-N-HF	1000min	51 +50%/-30%	100/0.1	0.70	200	50	10
4	MWBA3225L101T-N-HF	2200min	100 +50%/-30%	100/0.1	1.50	150	50	10
5	MWBA3225L201T-N-HF	8000min	200 +50%/-30%	100/0.1	4.80	70	50	10

Test remarks

- (1). All test data is referenced to 25 °C ambient.
- (2). Irms: Rating DC current: Temperature rise(Δ T) is 40°C approximately at Irms.

5. GENERAL SPECIFICATION

- (1). Operating temp.: -40°C ~ +85°C (Including self-generated heat).
- (2). Storage temp.: -10°C ~ +40°C R.H.:60% Max.
- (3). Moisture sensitivity level (MSL) 1
- (4). Recommended products should be used within 12 months from the date of delivery
- (5). The part temperature (ambient + temp rise) should not exceed 85 °C under worst case operating conditions. Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

注意:

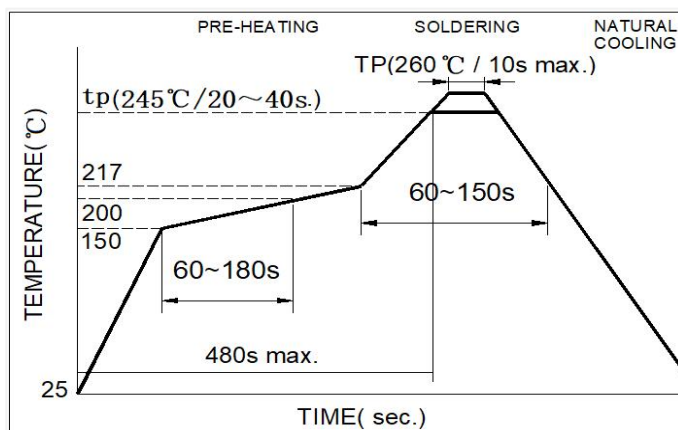
此物料不涉及汽车或相关产品方面的应用，否则，由此引起的一切品质和责任问题，我司将概不承担。

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6. SOLDERING CONDITIONS

Figure 1. Re-flow Soldering (Lead Free)



Note:

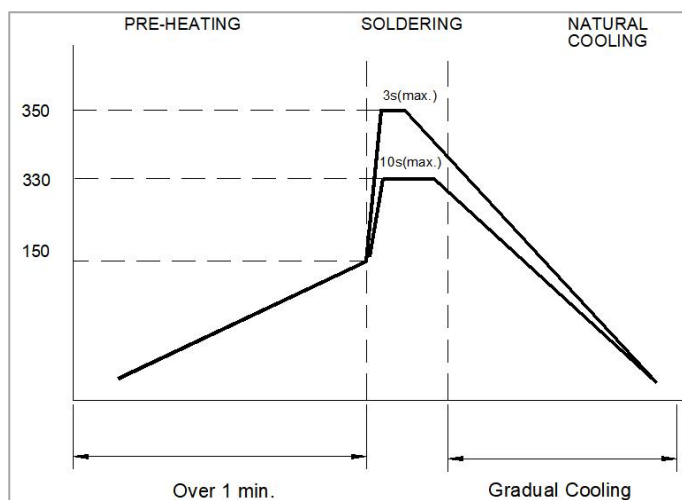
Preheat circuit and products to 150°C

260°C tip temperature (Max.)

Reflow times: no more than 2 times

Solder paste thickness: the best 0.08mm is ,but max is 0.12mm

Figure 2. Hand Soldering



Note:

Use a 20 watt soldering iron with tip diameter of 1.0mm

Limit soldering time to 3 sec.

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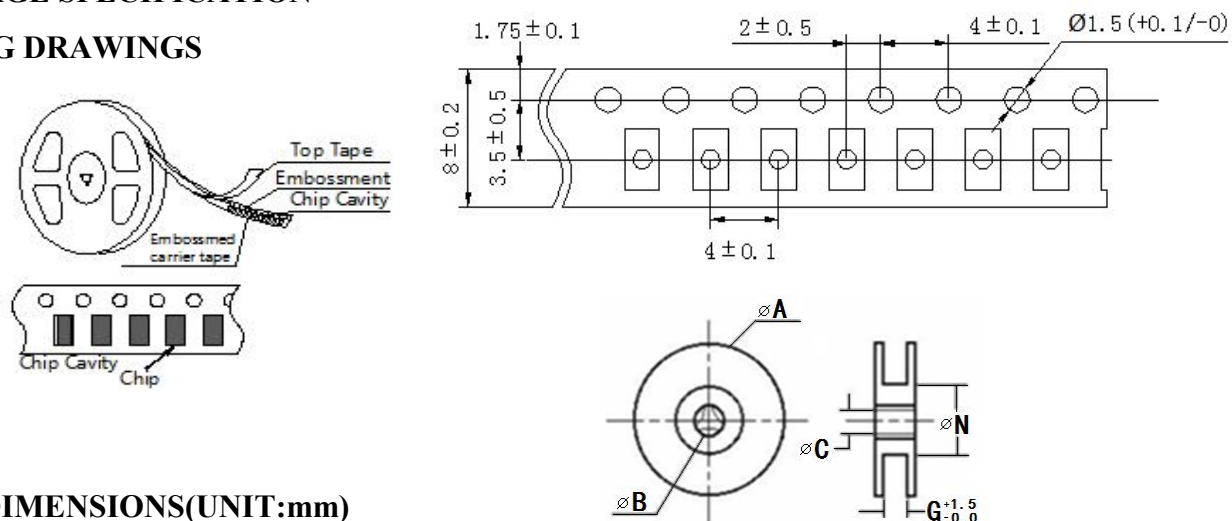


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7. PACKAGE SPECIFICATION

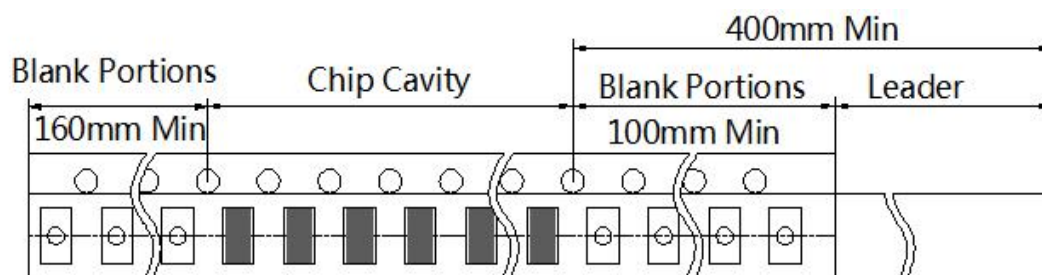
TAPING DRAWINGS



REEL DIMENSIONS(UNIT:mm)

	A	B	C	N	G
CF-12	178±2.0	22±2.0	13.0±1.0	60±1.0	12

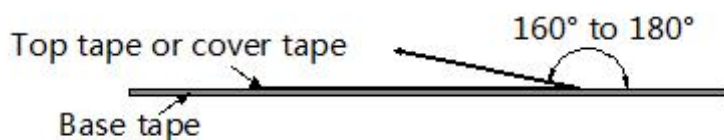
LEADER AND BLANK PORTION



(3). Packaging Quantity

Type	3225
Quantity	1000

PEELLING OFF FORCE:0.05 to 0.7N in the direction show below.



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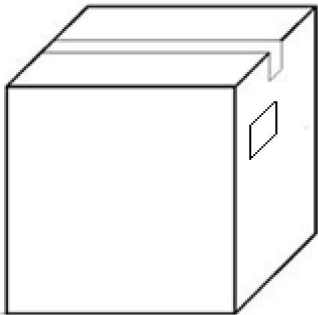
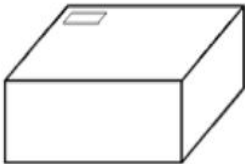
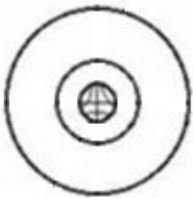


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8.Package Specifications

Inside Box And Outside Carton



卷轴数量
每卷:1000 PCS



内盒包装数量
每盒四盘，共4000 PCS



外箱包装数量
小箱6盒，共24000 PCS
中箱8盒，共32000 PCS
大箱10盒，共40000 PCS

内盒包装尺寸
20.3*19.3*5.5cm



外箱包装尺寸
小箱，40.6*23*19.7cm
中箱，41*22*26cm
大箱，41*22*33cm

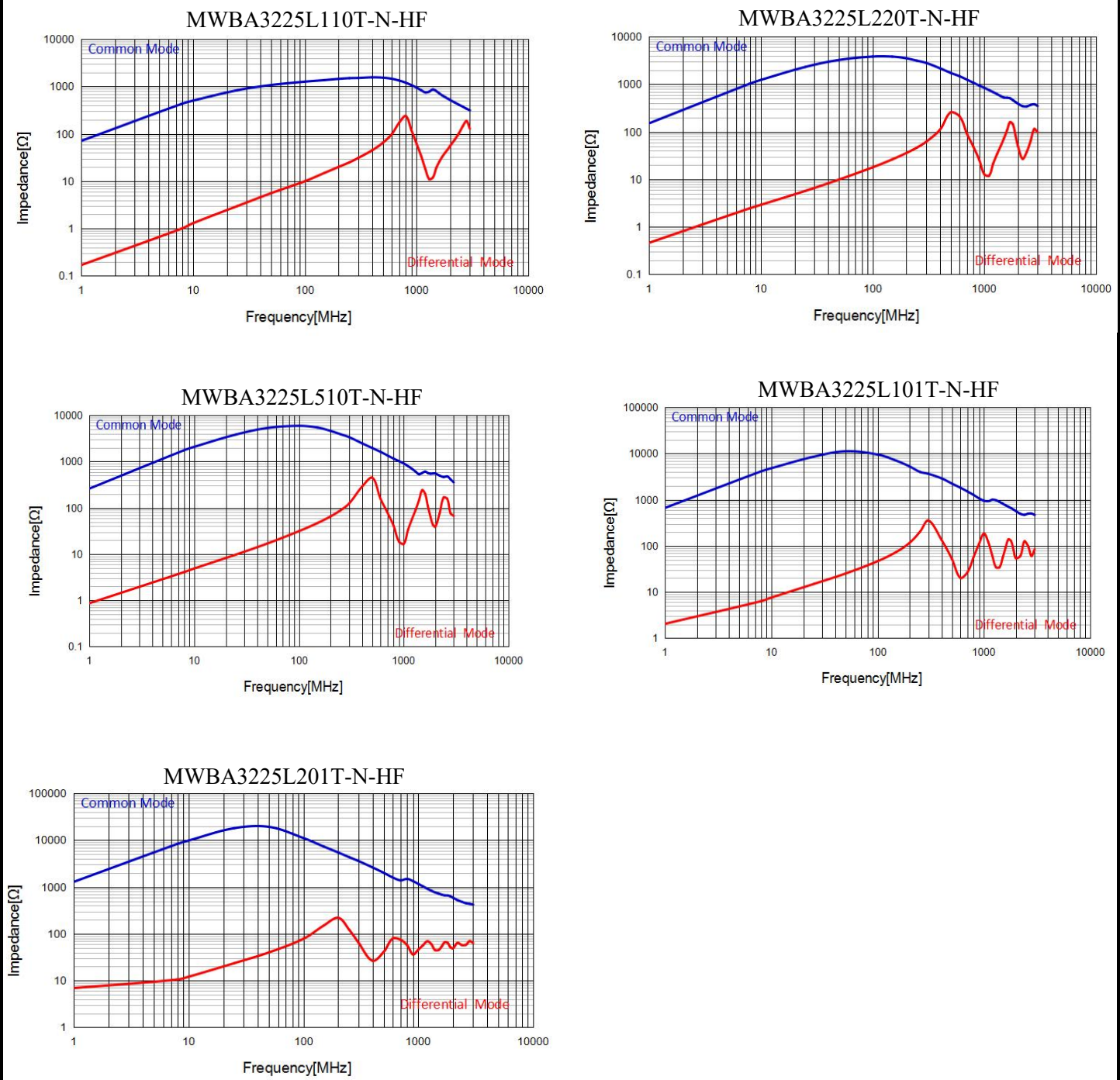
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9. ELECTRICAL CHARACTERISTIC CURVE



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