

承認書

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

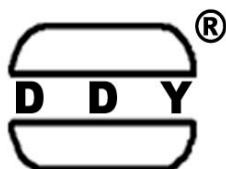
DESCRIPTION: WIRE WOUND CHIP INDUCTOR

DDY PART NO: WI0603AQD系列

CUSTOMER MODEL NO: _____

DRAWING		
MADE	CHECKED	APPROVED
譚晶晶	黃志偉	肖中華
DATE:	2024年6月4日	

CUSTOMER APPROVE



惠州市德立电子有限公司
HUI ZHOU DE LI ELECTRONICS CO., LTD

廣東省博羅縣洲際工業園梅園三路
NO.3 MEI YUAN ROAD, ZHOU JI INDUSTRIAL AREA, BOLUO COUNTY GUANGDONG

電話: 15970768093 13640935893

傳真: 0752-6207969

郵編: 516100

[Http://ddycoils.com](http://ddycoils.com)



惠州市德立电子有限公司

HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:		REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 1 OF 6
PART NO:	WI0603AQD系列	SN:	
CUSTOMER NO:		DATE:	2024年6月4日

CATALOG

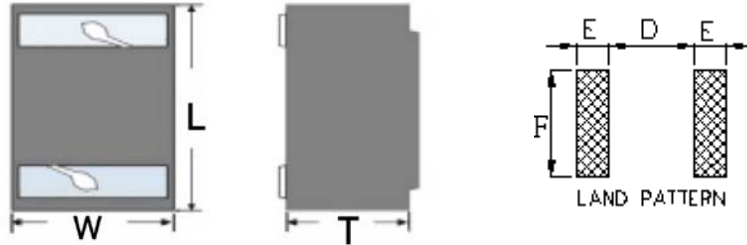
Resume	.....	P2
Shape & Dimension	.....	P3
Part numbering ststem	.....	P3
General specification	.....	P3
Electrical Characteristics List	.....	P4
Soldering Conditions	.....	P5
Appearance Standard	.....	P5.
Package Information	.....	P6



惠州市德立电子有限公司
HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:		REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 3 OF 6
PART NO:	WI0603AQD系列	SN.	
CUSTOMER NO:		DATE:	2024年6月4日

1.SHAPE & DIMENSION



CODE		L(MAX)	W(MAX)	T(MAX)	E(Typ.)	F(Typ.)	D(Typ.)
DIMENSION	WI0603AQD	1.80	1.25	1.10	0.64Typ.	1.02Typ.	0.64Typ

2. PART NUMBERING SYSTEM

WI 0603 AQD 2R2 M S T - HF
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

3.GENERAL SPECIFICATION

- Rating DC current: Temperature rise(T) is 40°C approximately at Irms.
- Operating temp.: -40°C~ +85°C(Including self-generated heat).
- Storage temp.: -10°C ~ +40°C R.H.: 65% Max
- Moisture sensitivity level (MSL) 2 (1 year floor life at <30°C/65% relative humidity)

APPROVED BY	CHECKED BY	DRAFT
肖中华	黄志伟	谭晶晶



惠州市德立电子有限公司

HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:		REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 4 OF 6
PART NO:	WI0603AQD系列	SN:	
CUSTOMER NO:		DATE:	2024年6月4日

4. Electrical Characteristics List

NO.	Part Number	L	Freq	Q	SRF	Rdc±30%	Isat	Isat	Irms	Irms
		(μH)	(MHz)	(Typ)	(MHz)Typ	(Ω)	(mA)Max	(mA)Typ.	(mA)Max	(mA)Typ.
1	WI0603AQD1ROMST-HF	1	1	18	150	0.19	1500	1800	900	1100
2	WI0603AQD2R2MST-HF	2.2	1	18	90	0.38	1050	1300	580	630
3	WI0603AQD4R7MST-HF	4.7	1	18	50	0.73	650	750	400	430
4	WI0603AQD6R8MST-HF	6.8	1	18	30	0.88	600	700	320	350
5	WI0603AQD100MST-HF	10	1	18	30	1.4	450	550	280	300

产品公差: M±20%

APPROVED BY	CHECKED BY	DRAFT
肖中华	黄志伟	谭晶晶

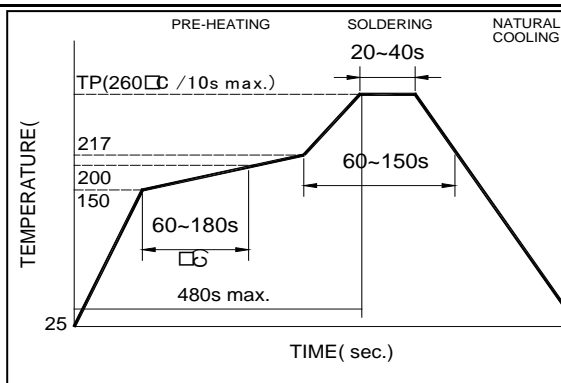


惠州市德立电子有限公司
HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:		REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 5 OF 6
PART NO:	WI0603AQD系列	SN:	
CUSTOMER NO:		DATE:	2024年6月4日

5. SOLDERING CONDITIONS

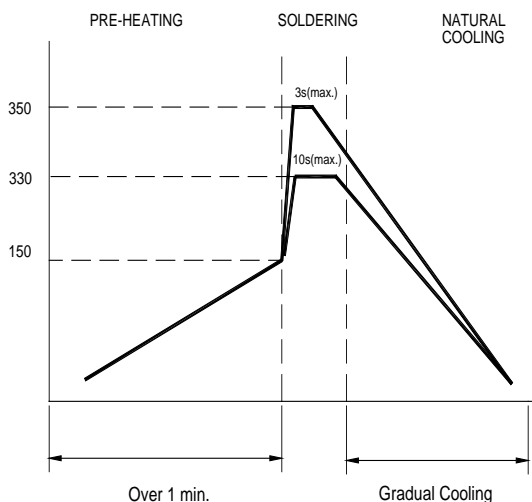
**Figure 1.
Re-flow
Soldering
(Lead Free)**



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.

APPROVED BY	CHECKED BY	DRAFT
肖中华	黄志伟	谭晶晶

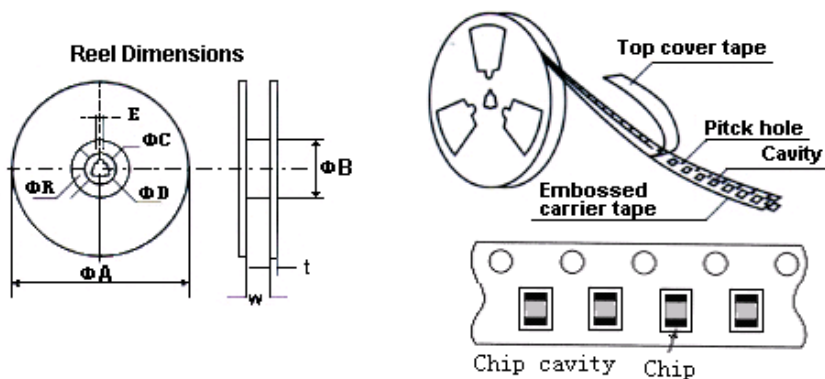


惠州市德立电子有限公司

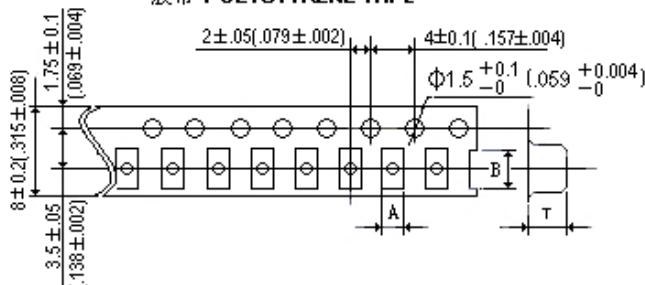
HUI ZHOU DE LI ELECTRONICS CO., LTD

CUSTOMER:		REV NO:	A
DESCRIPTION:	WIRE WOUND CHIP INDUCTOR	PAGE NO:	PAGE 6 OF 6
PART NO:	WI0603AQD系列	SN:	
CUSTOMER NO:		DATE:	2024年6月4日

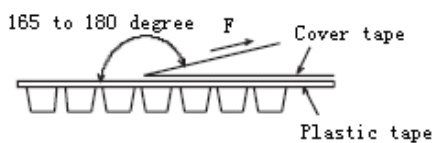
7. PACKAGING(unit: mm)



胶带 POLYSTYRENE TAPE



Peeling off force
Full strength
0402~1210:20g~80g
Speed of peeling off:
300mm/min $\pm 10\%$



	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

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。

APPROVED BY	CHECKED BY	DRAFT
肖中华	黄志伟	谭晶晶

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [DDY](#) manufacturer:

Other Similar products are found below :

[CR32NP-100KC](#) [70F224AI](#) [MHQ1005P10NJ](#) [MHQ1005P1N0S](#) [MHQ1005P2N4S](#) [MHQ1005P3N6S](#) [MHQ1005P5N1S](#) [MHQ1005P8N2J](#)
[PE-53601NL](#) [PE-53602NL](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2-R47-R](#) [HC8-1R2-R](#)
[HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-4R7M](#) [RCP1317NP-391L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-](#)
[RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#)
[1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#) [1812LS-824XJ](#) [NIN-FB101JTR110F](#) [NIN-FB471JTR62F](#) [NIN-FC1R5JTR220F](#) [NIN-](#)
[HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#) [NIN-HDR82JTRF](#) [NIN-HK2N7STRF](#) [NIN-PA150KTR370F](#) [NIN-PB100KTR550F](#)