

Specification for Approval

RoHS COMPLIANT

CUSTOMER: Dongguan Zhipin Creation Digital Technology Co., Ltd.

Product Model:
DESCRIPTION: TX4205(D20)-6.8uH

Customer Reference Number:
CUSTOMER NO:

Template Number: Kind plank NO:

Date:
DATE: April 25, 2026Day

Drafting PREPARED	Review CHECKED	Approval APPROVED	The customer acknowledges. CUSTOMER APPROVED
Sun Zongwei	Zhou Yuankke	Lai Gengsen	

Please return a copy of the acknowledgment form after signing the bookmark.
**PLEASE RETURN TO US ONE COPY OF "SPECIFICATION FOR APPROVAL" WITH YOUR
APPROVED SIGNATURES**

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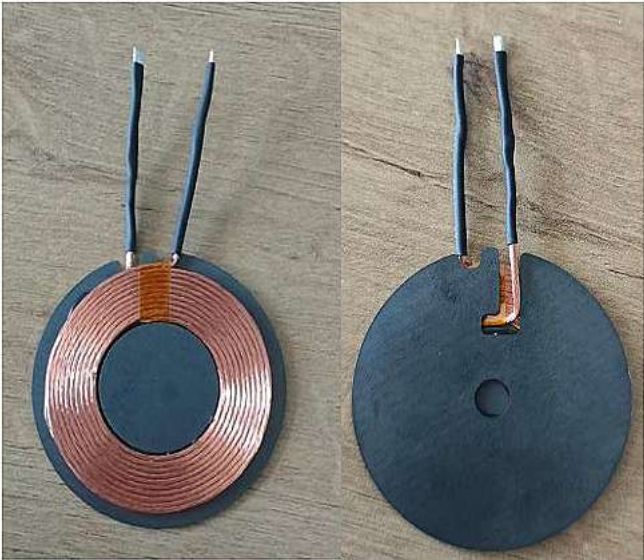
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Customer Name CUSTOMER	Dongguan Zhupin Creative Digital Technology Co., Ltd.	Customer Reference Number CUSTOMER NO.	
Product Model DESCRIPTION	TX4205(D20)-6.8uH	Date DATE	2026April 25 of the year

Revision HistoryRevisionrecord

Date Date	Revised content Modify the content	Version Version	Review Checked	Confirmed Approved
2026Year4Month25Day	First issuance	V01	Zhou Yuankke	Lai Gengsen

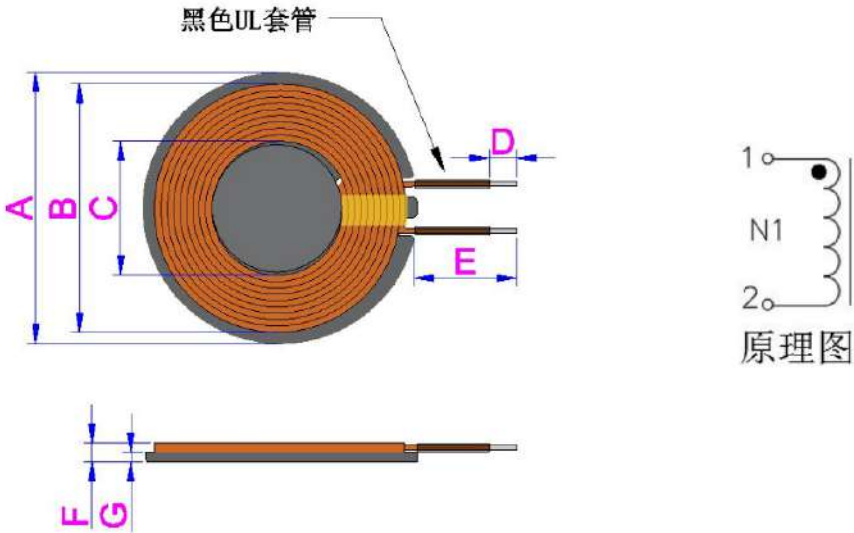
Product image



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SPECIFICATION FOR APPROVAL

CUSTOMER	Dongguan Zhipin Creative Digital Technology Co., Ltd.	CUSTOMER P/N.	61651-01			
ITEM	TX4205(D20)	Description	TX4205(D20)-6.8uH			
PART NO.		DATE	2026April 25 of the year			
(1) DIMENSION (UNIT: mm)				A	42.5	±1
				B	37.5	±1
				C	20.5	±1
				D	3.0	±1
				E	30.0	±2
				F	2.5	Max
				G	0.8	±0.1

NOTE: 1.The coil winding must be neat and flat, with the adhesive tape in the middle measuring 5 ± 1 mm wide. 2.The large magnetic sheet has a hole measuring 5.2 ± 0.5 mm, with a double groove and a thickness of 0.8 ± 0.1 mm. 3.A small magnetic sheet is attached in the middle, with a diameter of 20 ± 1 mm and a thickness of 1.0 ± 0.1 mm. 4.The total product thickness (F) does not include the thickness of the high-temperature tape.

5. Coil with dual leads and black sleeveUL tubing; the length of the tubing portion is 27mm Ref.

(2)ELECTRONIC SPECIFICATION: (AT 25°C)

1.INDUCTANCE: (Tester: ZX2786 200KHz, Test Conditions : 100KHz / 1.0V) $L(1-2) = 6.8\mu H \pm 10\%$ 2. D

C Resistance: (25°C) $DCR(1-2) = 55m\Omega$ Max

3.Q value (100 kHz, 1 V) = 75 Typ

NO	NAME	MATERIAL	SUPPLIER	UL NO	CLASS
1	WIRE	Multiple streams of hot air from Sticky thread	JINMA (or equivalent)	E514717	155°C
2	Magnetic disk	CP42.5 ×5 ×0.8	HUIBOCHENG (or equivalent)	N/A	
3	Magnetic disk	CP20*1.0	HUIBOCHENG (or equivalent)	N/A	

NO	START	FINISH	WIRE	COLOR	TURNS	INDUCTANCE	
N1	1	2	Multi-strand hot air wire $\Phi 0.08 \times 80N \times 1P$		10Ts REF	6.8uH	±10% With magnetic sheet

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TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER	Dongguan Zhipin Creative Digital Technology Co., Ltd.			CUSTOM P/N.			
Description	TX4205(D20)-6.8uH		Test Quantity: 5 PCS		Date		2026April 25, year
Test range	Electrical parameters			Appearance size			
MEASURE ITEM	L (uH)	DCR (mΩ)	Q value	A (mm)	B (mm)	C (mm)	D (mm)
SPECIFIC	6.8	55.0	75.0	42.5	37.5	20.5	3.0
SUGGEST	±10%	Max	Type	±1	±1	±1	±1
1	6.76	46.62	78.6	√	√	√	√
2	6.78	46.77	79.1	√	√	√	√
3	6.82	46.75	78.2	√	√	√	√
4	6.77	46.59	79.3	√	√	√	√
5	6.75	46.68	79.5	√	√	√	√
X	6.776	46.682	78.94	√	√	√	√
R	0.07	0.18	1.3	√	√	√	√
TEST CONDITION	INSTRUMENTS	ZX2786 200kHz			AT:	100Kilohertz1.0V	
	ENVIRONMENTS	TEMP: 25 degrees HUMIDITY: 65%					
	OPERATING TEMPERATURE RANGE		-20°C~+85°C				

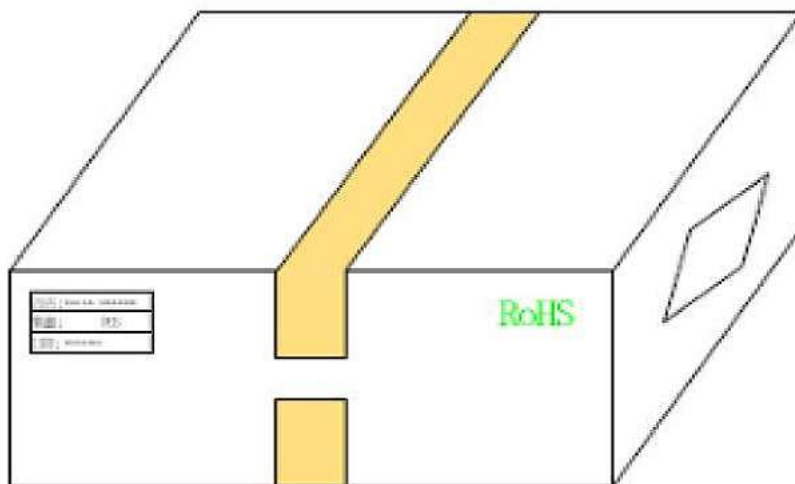
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PACKING SPECIFICATION:



Each Baard Quantity: 210 pcs (Ref)

Note: The packaging images may use similar products to demonstrate methods and requirements, and may differ from the actual product.



Each Carton: 840 pcs (Ref)

The cardboard box dimensions are 38.5*27.5*28CM