

Acknowledgement

SPECIFICATION FOR APPROVAL

client

CUSTOMER:

omer ID:

CUST P/N:

Tian Xia Material Number:

TX P/N:

Cust-

TX-D

42.5*5.3*0.8-8UH

product model

DESC

date

DATE:

Page stem or root of plants :

Version:

20.5*39-0.08*80P-11TS-20mm-

D42.5*5.3*0.8 double-groove cable exit strip with adhesive backing – 8 μm thickness

2025/12/24

A.0

Fiction PREPARED BY	Examine and verify CHECKED BY	Ratify APPROVED BY	Customer acknowledges: CU- STOMER APPROVE
Luo Xiongbin	Yan Zhang	Luo Yongjun	

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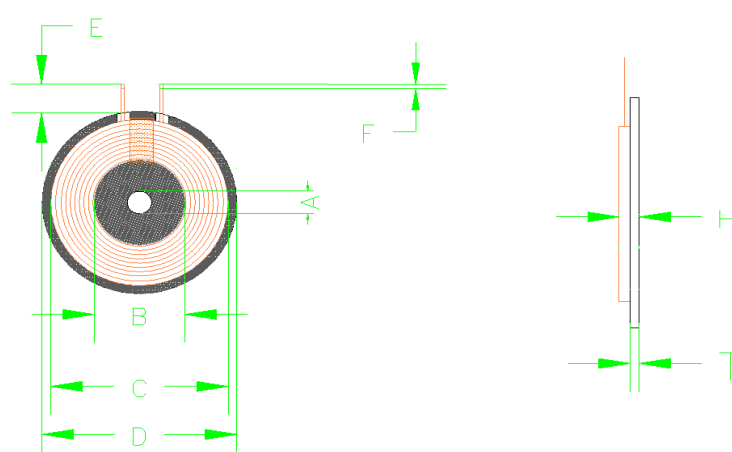
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Version Change History

[illegible]

SPECIFICATION

Product Model		20.5×39 – 0.08×80P-11TS-20mmD42.5×5.3×0.8; double-groove cable outlet with adhesive backing – 8 μm thickness		Rev: A.0	Client CUST:	
Number: DESC					Customer Part Number CUST P/N:	
1. Dimension (DIMENSION): (mm) 					Inner hole of an A magnetic disc	5.3 ± 0.3mm
					Inner diameter of B coil	20.5 ± 0.5mm
					External diameter of C coil	39.0 ± 1mm
					External diameter of the D-shaped magnetic disc	42.5 ± 0.5mm
					E length of lead	20 ± 2mm
					F-tin coating length	4mmMAX
					T Magnetic Plate Thickness	0.8 ± 0.1mm
					H aggregate thick-ness	2.2 mm MAX (excluding leads)
					Pour :	
					1. The coil wires cross and must not be loosened.	
					2. The coil is not planar.	
					Use a D42.5×5.3×0.8 mm fer-rite hard magnetic sheet.	
					3. Total thickness of the coil	
					Diameter: 2.2 mm MAX (excluding leads);	
					4. Double-line tin immersion process. The lead-out terminals are covered with high-temperature adhesive tape.	
					5. A small magnetic disc measuring 20 × 0.8 mm is attached to the center of the coil.	
II. Schematic Diagram						
						
III. Winding Specifications:						
Order number NO.	Terminal TERMINAL		Wire Diameter	Number of turns Turns	Direction of winding Winding Direction	
1	S	F	0.08*80P	11Ts	Anticlockwise	
IV. Electrical Characteristics (ELECTRICAL CHARACTERISTICS):						
Temperature: 25±10°C; Relative Humidity: 65±20%						
Order number NO.	Project ITEM	Terminal TERMINAL	Standard SPECIFICATION	Test condition TEST FREQUENCY	Measuring and test instruments TEST EQUIPMENTS	
1	IND.	S-F	5.5 μH ± 10% single coil	100KHz/1.0V	LCZ METER 1062B	
2	IND.	S-F	8.0uH ±10% with magnetic film	100KHz/1.0V	LCZ METER 1062B	
3	DCR	S-F	600m Ω Max		LCZ METER 502B	
Prepared by/date				Reviewed/Date CHECKED BY/DATE		
Luo Xiongbin 2025/12/24				Zhang Yan 2025/12/24		