

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

CUST P/N: _____

TX P/N: TX-D42.5*5.3*0.8-8UH

DESC : 20.5*39-0.08*80P-11TS-20mm- D42.5*5.3*0.8 Double slot outlet
with adhesive backing -8uh

DATE: 2025/12/24

Version: A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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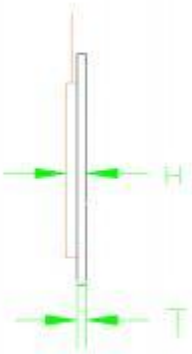
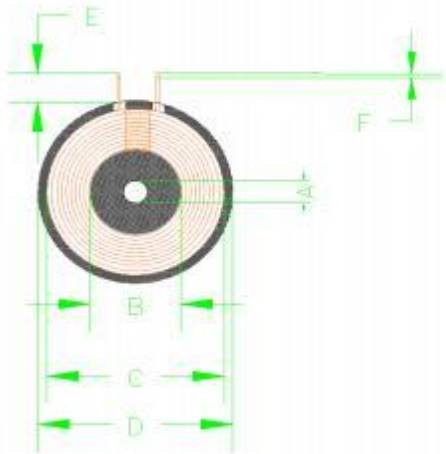
Version Change History

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SPECIFICATION

Product Model:	20.5*39-0.08*80P-11TS-20mm- D42.5*5.3*0.8 Double slot outlet with adhesive backing -8uh	Rev: A.0	CUST:	
			CUST P/N:	

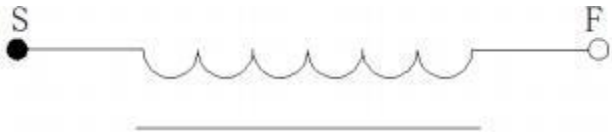
一、 DIMENSION:(mm)



A Magnetic inner hole	5.3±0.3mm
B Inner diameter of coil	20.5±0.5mm
C Outer diameter of coil	39.0±1mm
D Magnetic disk outer diameter	42.5±0.5mm
E lead length	20±2mm
F Tin immersion length	4mmMAX
T Magnetic thickness	0.8±0.1mm
H total thickness	2.2mmMAX (Excluding lead wires)

- Note :
- 1.Cross out the coil, do not loosen the wire
 - 2.Non planar coil Paste D42.5 * 5.3 * 0.8mm ferrite hard magnetic sheet
 - 3.Overall thickness of the coil 2.2mm MAX (Excluding lead wires)
 - 4.Double line tin dipping Attach high-temperature adhesive tape to the outlet end
 - 5.Attach a round 20 * 0.8mm small magnetic piece in the middle of the coil

二、 SCHEMATIC DIAGRAM



三、 Winding Specification:

serial number	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	0.08*80P	11Ts	counterclockwise

四、 ELECTRICAL CHARACTERISTICS:
TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%

serial number	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	5.5 uH±10% Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	8.0uH±10% magnetic sheet	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	600mΩ Max		LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
罗雄彬 2025/12/24	张燕 2025/12/24