SPECIFICATION FOR APPROVAL

CUSTOMER:

CUST P/N:

TX P/N: TX-WPCX-D43.5*0.8-6.8UH

DESC: 20.5*39-0.08*80P-10TS-60mm-D43.5*0.8
Double slot outlet with adhesive backing -6.8uh
(Round 20 hard magnetic disc)

DATE: 2024/09/15

Version: A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Zeng Weihao	Zhang Yan	Luo Yongjun	

Shenzhen Tianxia Technology Co., Ltd

ADD: Room 523-525, C33 Science and Technology Innovation Park,
Bao'an District, Shenzhen

TEL: 18718699959

E-Mail: 2321113770@qq.com

Version Change History

Rev.	Before Change	After Change	Change Date	Approved By
A.0	New Release	----	2024/09/15	Luo Yongjun

SPECIFICATION

DESC	20.5*39-0.08*80P-10TS-60mm-D43.5*0.8 Double slot outlet with adhesive backing-6.8uh (Round 20 hard magnetic disc)	Rev: A.0	CUSTOMER:	
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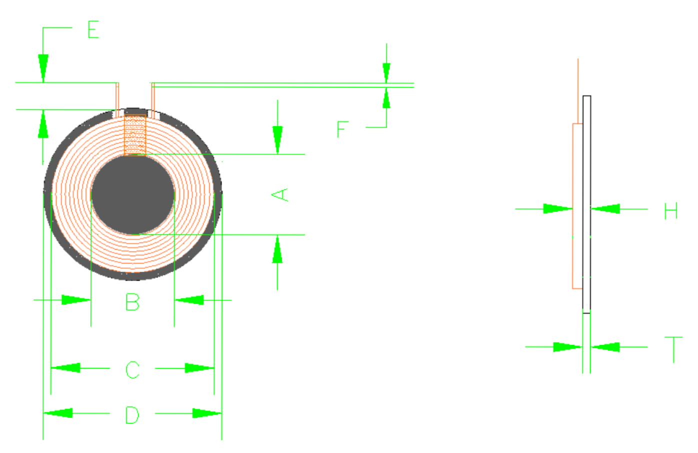
1. DIMENSION:(mm)



A: Magnetic disc Diameter	20±1mm
B: Inner Diameter of the coil	20.5±0.5mm
C: Outer diameter of the coil	39±1mm
D: Magnetic disk outer diameter	43.5±1mm
E: Lead Length	60±2mm
F: Tin immersion length	3+1mmMAX
T: Magnetic thickness	0.8±0.2mm
H: Total Thickness	2.5mmMAX

Remark:

1. Cross out the coil, do not loosen the wire, and fix the position with high-temperature glue
2. Non planar coils paste D43.5*0.8mm ferrite hard magnetic sheet
3. Attach D20 * 1.0 hard magnetic sheet in the middle of the coil
4. The overall thickness of the coil is 2.5mm MAX
5. Double line tin immersion
6. Rated current: 3A, temperature limit: -40 ° C to+80 ° C

2. SCHEMATIC DIAGRAM

3. Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	0.08*80P	10Ts	Counterclockwise

4. ELECTRICAL CHARACTERISTICS:
TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	4.8 uH±10% Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.8 uH±10% with magnetic plates	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	600mΩ Max		LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
Zeng Weihao 2024/09/15	Zhang Yan 2024/09/15