

Specification for Approval

CUSTOMER:

CUST P/N:

P/N:

TX-WPCX-D42.5*0.6-7.8UH

DESC:

20.5*39-0.08*80P-11TS-5mm-D42.5*0.6, -6.5uh

DATE:

Jan 18, 2024

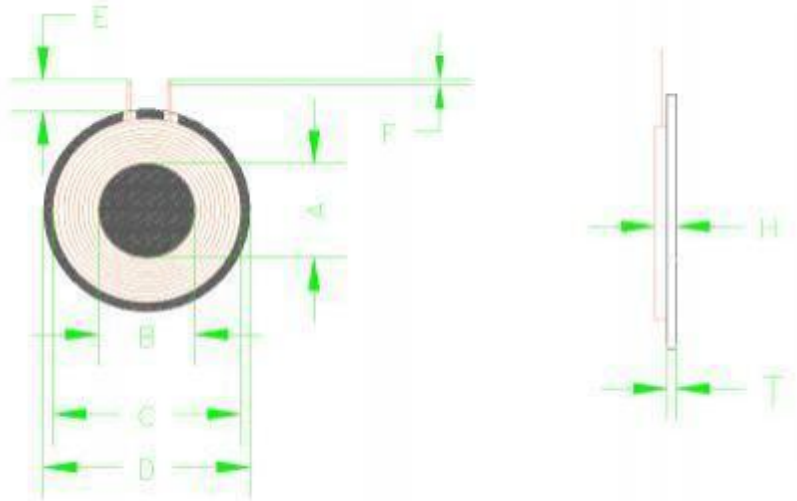
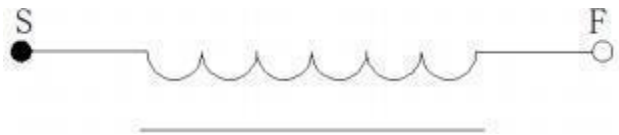
Version:

A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE

Version Change History

SPECIFICATION

DESC	20.5*39-0.08*80P-11TS-5mm-D42.5*0.6 Tape: -6.5uH)		Rev: A.0	CUST:	
				CUST P/N:	
一、 DIMENSION:(mm)				A Dia.	20±1mm
				B Dia.	20.5±0.5mm
				C Dia.	39±1mm
				D Dia.	42.5±1mm
				E Length	6±2mm
				F Length	5mmMAX
				T Thickness	0.6±0.2mm
				H Height	2.5mmMAX
				Remarks:	
天线增益 Antenna gain:				1. Cross out of the coil, don't loosen the wires.	
Operation frequency:		113kHz-205kHz		2. Coils are not in a flat	
Antenna Type:		Loop coil Antenna		D42.5*0.6mm ferrite magnet	
Antenna gain:		0dBi		3. D20*1.0 hard magnet in the middle	
二、 SCHEMATIC DIAGRAM				4. Thickness: 2.5mmMAX;	
				5. Cables soldered	
三、 Winding Specification:					
NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	0.08*80P	11Ts	anticlockwise
四、 ELECTRICAL CHARACTERISTICS:					
TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%					
NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	4.5 uH±10%	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.5 uH±10%	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	600mΩ Max		LCZ METER 502B
PREPARED BY/DATE			CHECKED BY/DATE		
Weihao Zeng Jan 18, 2024			Yan Zhang Jan 18, 2024		