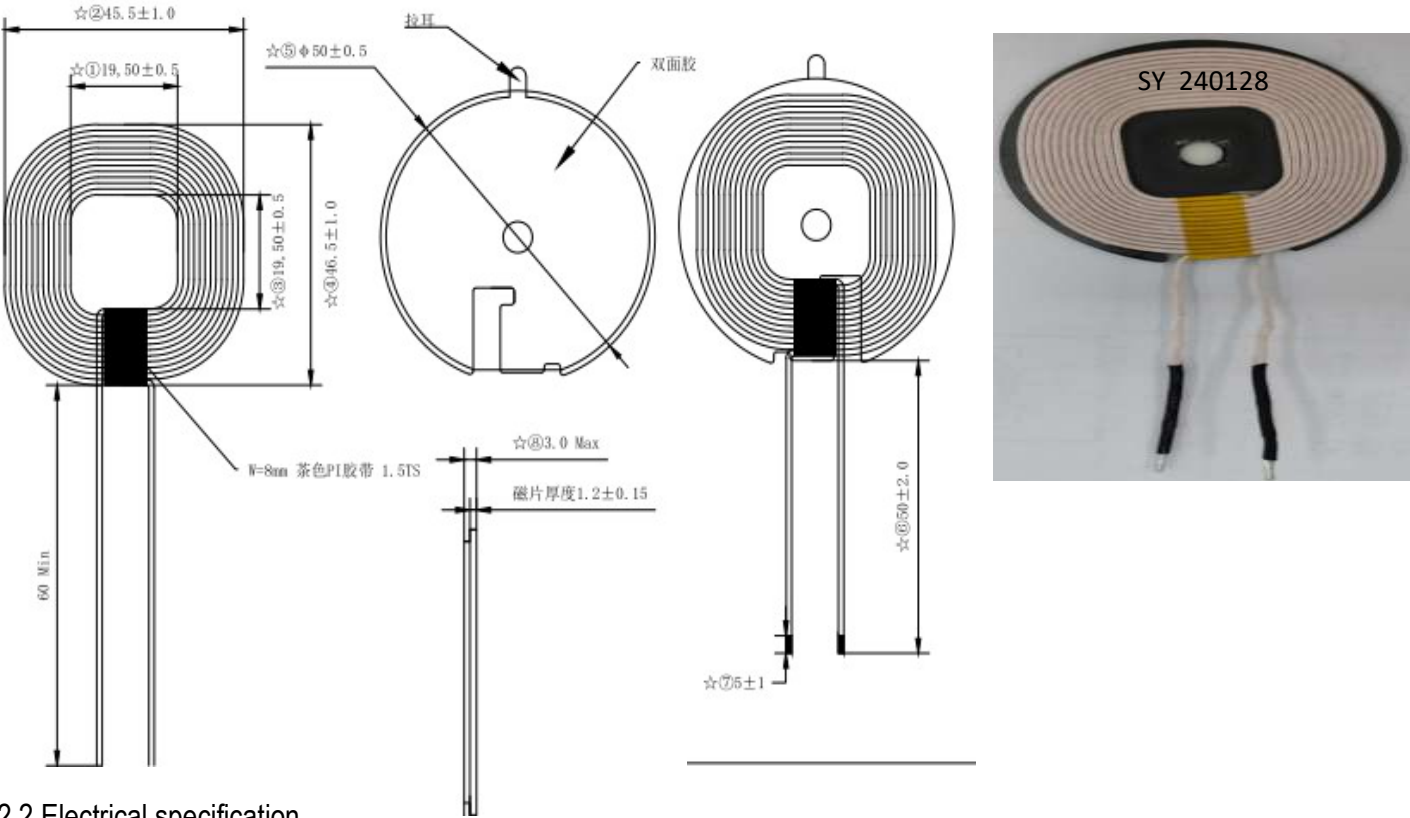


Part Number : SY-19.5*19.5
Application Model :

2.Spec

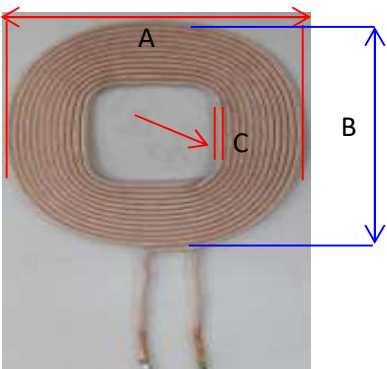
2.1 Drawing



2.2 Electrical specification

Item	Measurement items			Spec.
CTQ	CTQ Mechanical characteristics	1	Width	49.8 ± 0.6 mm
		2	Length	47.1 ± 0.6 mm
		3	Thickness	Max 3.0 mm
CTQ	CTQ Electrical characteristics	L (Inductance)		9.5uH ± 10% @1V,100KHz
		Q		100 MIN @1V,100KHz
		Rdc_Resistance		Max 50mΩ
LCR Meter	1) Tong Hui TH2829 (@ 1V, 100kHz)			
	2) Zhi Xin ZX1085 (@ 1V, 100kHz)			

2.3 Coil Spec(Alpha Coil)



Parameter	Symbol	Value
Outer Diameter	A	$45.5 \pm 1.0 \text{ mm}$
Inner Diameter	B	$46.5 \pm 1.0 \text{ mm}$
Thickness	C	$1.35 \pm 0.15 \text{ mm}$
Number of Turns	N	12 TS
Number of Layers	-	1 Layer