

Manufacturer's Name: Tonly (1st Source), Cenker (2nd Source)

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Model Name: Inductive Coupling

Wireless Inductive Power Transfer

Antenna Type: Coil

Tx Coil Specifications are as follows:

Wireless Charging Transmitter Coil	Coil Design	Tolerances
Tx Coil	Coil Outer Diameter: 25.16*36.16 mm. Coil Inner Diameter: 4*18 mm. Nanocrystalline Diameter: 28.33*39.16 mm Wire Diameter: $\Phi 0.6$ mm (0.06 x 70P) Winding (Thickness): Single Layer, 0.8 mm Number of Turns: 19T Nanocrystalline Thickness: 0.15 mm Adhesive Thickness: 0.1 mm Coil Cable Length: 83 mm. NTC Specification; 10K Ω 25 $^{\circ}$ C $\pm 1\%$, B: 3435K NTC Cable Length: 110mm	25.16(± 0.5 mm)*36.16(± 0.5 mm) 4 (-0/+0.1 mm)*18 (-0/+0.1 mm) 28.33 (± 0.5 mm)*39.16 (± 0.5 mm) $\Phi 0.65$ mm MAX Single Layer, 0.8 mm 19T 0.15 mm Max 0.1 mm Max 83 -0/+5mm 10K Ω 25 $^{\circ}$ C $\pm 1\%$ 110 -0/+5mm
Electrical Characteristics	Inductance: 12 uH DCR: 170 m Ω ACR: 190 m Ω Q Value: 52 Minimum @ 127.7 kHz	