

FEATURES

- Tx coil units for WPC Qi2.0 specification.
- Ultra Slim ferrite sheet.
- Thinner ferrite sheet type is available for durable construction.
- Performance had been confirmed based on WPC Qi2.0 equipment.
- Operating temperature: -40°C ~ +85°C.
- Storage Temperature: -20°C ~ +70°C.

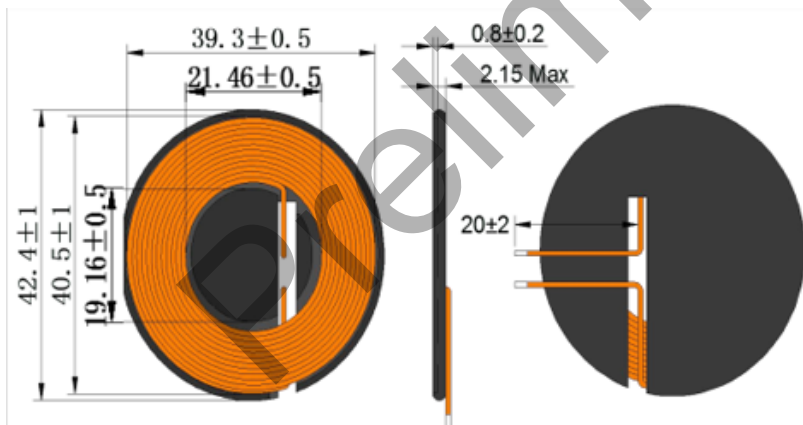
APPLICATIONS

- Wireless charging transmitting coil
- High permeability shielding for wireless charging transmitting coils
- Blocks charging flux from sensitive components or batteries
- High saturation powered iron - not affected by permanent locating Magnets
- Durable construction
- Compliant to RoHS Directive 2002 / 95 / CE

Electrical Characteristics

Electrical Specifications @25°C	
Inductance:	PIN S-F: 7.42uH $\pm$ 0.3 uH Add magnetic can @ 360KHz/1V
D.C.R	PIN S-F: 41 mohm $\pm$ 4 mohm @25°C
ACR	PIN S-F: 260 mohm $\pm$ 34 mohm @ 360KHz/1V

Dimensions(Units:mm)



Schematic

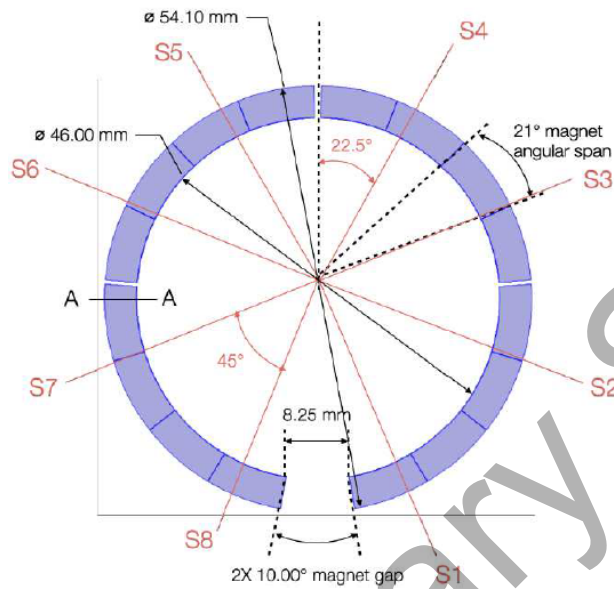


Product Identification

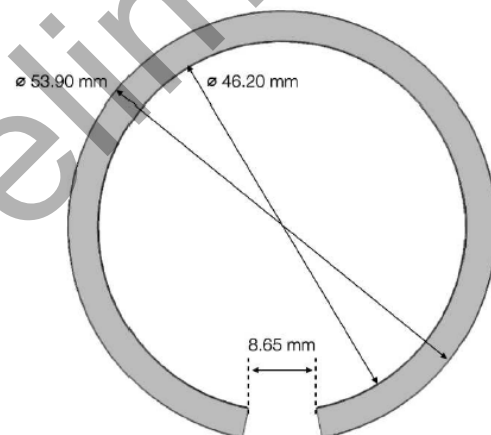
LWP 5843 – 11 N 1 N

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|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1. Series : WP= LinkCom Wireless Power coil | | | | | |
| 2. Dimension Code: Ø58 x 4.3mm | | | | | |
| 3. Turns : 10.5 Turns | | | | | |
| 4. Process: Normal | | | | | |
| 5. Wire : 1 wire | | | | | |
| 6. Package info: Normal | | | | | |

Magnets arranged



Material: NdFeB N48H



Material:DT4

Assembly diagram

