

CTWCCC Series



CHARACTERISTICS

- Description:** Wireless Charging Transmitting/Coil Shield
- Applications:** Used in wireless charging systems designed for a wide range of portable consumer electronic products such as mobile phones, tablets, cameras, MP3 players, battery chargers, scanners, gaming industry, etc.
- Operating Temperature:** -25°C to +85°C
- Storage Temperature:** -40°C to +85°C
- Wire:** Silk Envelope
- Testing:** Inductance is tested on an HP4284A at 100KHz, 1V
- Miscellaneous:** **RoHS Compliant.**
- Additional Information:** Additional electrical & physical information available upon request.
- Samples available. See website for ordering information.**

SPECIFICATIONS

Part Number	Inductance (μH)	L Test Freq. (KHz)	DCR Typ. (Ω)	Q Typ.	Eff. (%)
CTWCCC505032SF-6R0	6.0±8%	100	0.018	80	>70
CTWCCC505040SF-6R0	6.0±8%	100	0.018	80	>70
CTWCCC505028SF-6R3	6.3±8%	100	0.037	90	>70
CTWCCC505035SF-6R3	6.3±8%	100	0.037	90	>70

PHYSICAL DIMENSIONS (mm)

Part Number	A	B	C	D	E	F
CTWCCC505032SF-6R0	50±0.5	50±0.5	3.2 Typ.	30 Typ.	5.0 Typ.	2.4 Typ.
CTWCCC505040SF-6R0	50±0.5	50±0.5	4.0 Typ.	30 Typ.	5.0 Typ.	2.4 Typ.
CTWCCC505028SF-6R3	50±0.5	50±0.5	2.8 Typ.	30 Typ.	5.0 Typ.	1.2 Typ.
CTWCCC505035SF-6R3	50±0.5	50±0.5	3.5 Typ.	30 Typ.	5.0 Typ.	1.2 Typ.

