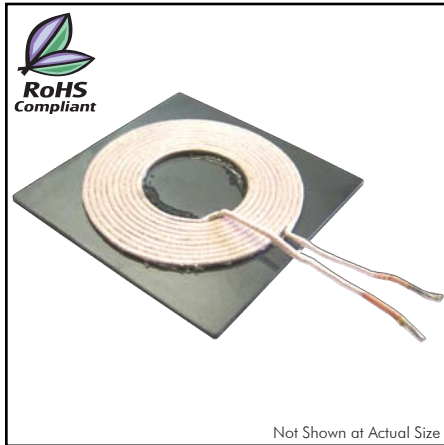


## CTWCCT Series



### 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

**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. (%)
CTWCCT505035EF-6R6	6.6±8%	100	0.037	100	>70
CTWCCT505035SF-6R6	6.6±8%	100	0.037	100	>70
CTWCCT505050SF-6R6	6.6±8%	100	0.037	90	>70
CTWCCT505050EF-6R6	6.6±8%	100	0.030	90	>70
CTWCCT505055SF-6R3	6.3±8%	100	0.02	60	>70
CTWCCT505055EF-240	24.0±8%	100	0.056	140	>70

### PHYSICAL DIMENSIONS (mm)

Part Number	A	B	C	D	E	F
CTWCCT505035EF-6R6	50±0.5	50±0.5	3.5 Typ.	30 Typ.	5.0 Typ.	1.2 Typ.
CTWCCT505035SF-6R6	50±0.5	50±0.5	3.5 Typ.	30 Typ.	5.0 Typ.	1.2 Typ.
CTWCCT505050SF-6R6	50±0.5	50±0.5	5.0 Typ.	30 Typ.	5.0 Typ.	1.2 Typ.
CTWCCT505050EF-6R6	50±0.5	50±0.5	5.0 Typ.	30 Typ.	5.0 Typ.	1.2 Typ.
CTWCCT505055SF-6R3	50±0.5	50±0.5	5.5 Typ.	30 Typ.	5.0 Typ.	2.4 Typ.
CTWCCT505055EF-240	50±0.5	50±0.5	5.5 Typ.	30 Typ.	5.0 Typ.	1.2 Typ.

