

CTWCCR Series



CHARACTERISTICS

Description: Wireless Charging Receiving 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: Enameled Wire

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. (%)
CTWCCR373023EF-9R8	9.8±10%	100	0.14	26	>70
CTWCCR383114EF-9R8	9.8±10%	100	0.22	21	>70
CTWCCR383109EF-100	10.0±10%	100	0.19	21	>70
CTWCCR483209EF-10R5	10.5±10%	100	0.236	28	>70

PHYSICAL DIMENSIONS (mm)

Part Number	A	B	C	D	E	F
CTWCCR373023EF-9R8	37.1+0.4,-0.6	30.6+0.2,-0.6	2.3 Typ.	7.5±1.0	3.0 Typ.	0.5 Typ.
CTWCCR383114EF-9R8	37.1+0.4,-0.6	30.6+0.2,-0.6	1.4 Typ.	7.5±1.0	3.0 Typ.	0.5 Typ.
CTWCCR383109EF-100	38±0.5	31±0.5	0.9 Typ.	5.5±1.0	3.0 Typ.	0.5 Typ.
CTWCCR483209EF-10R5	48±0.5	32±0.5	0.9±0.3	35 Typ.	10 Typ.	0.6 Typ.

