

## 02-531F



### CHARACTERISTICS

**Description:** Wireless power charging transmitter coil

**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:** -40°C to +85°C

**Storage Temperature:** -40°C to +85°C (on board)

**Irms:** Based on temp. rise up to 40°C Max.

**Miscellaneous:** RoHS Compliant

**Additional Information:** Additional electrical & physical information available upon request

**Samples available. See website for ordering information.**

### SPECIFICATIONS

Part Number	Inductance (μH ±10%)	Test Freq. (Hz)	DCR Max. (mΩ)	Irms Max. (A)	Qi Design	Winding	Power (W)
02-531F-6R3K	6.3	100K/1V	45	5.0	A11	Single	5-15

### PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G	H	I
							Min.	Typ.	Max.
mm	20.5±0.5	44.0±1.5	50.0±0.5	50.0±0.5	5.0±2.0	17.0±2.0	2.0	10.0	3.0
inches	0.81±0.02	1.73±0.06	1.97±0.02	1.97±0.02	0.20±0.08	0.67±0.08	0.08	0.39	0.12

