

## CTTC1103F Series

From 0.25 mH to 9.50 mH



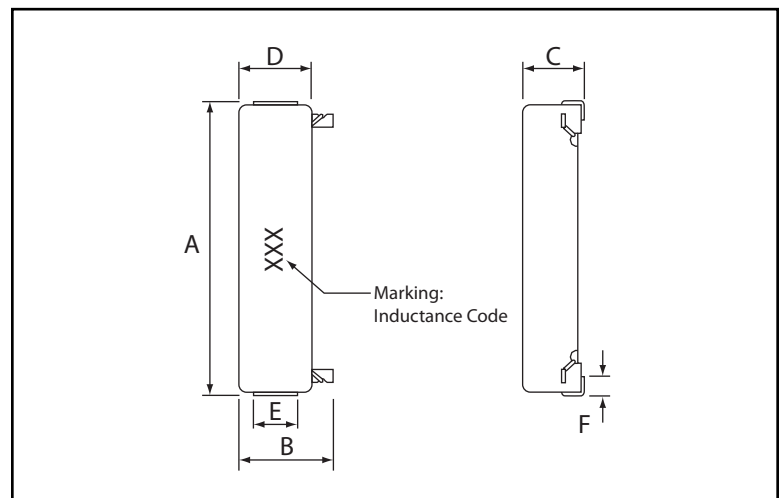
### SPECIFICATIONS

Parts are available in  $\pm 5\%$  inductance tolerance only.

Part Number	Inductance (mH)	Q. Min.	Freq. (KHz)	SRF Min. (KHz)	DCR Max. ( $\Omega$ )
CTTC1103F-251J	0.25	30.0	125	2000	4.0
CTTC1103F-401J	0.40	30.0	125	1500	7.3
CTTC1103F-901J	0.90	30.0	125	1000	13
CTTC1103F-112J	1.10	30.0	125	1000	15
CTTC1103F-202J	2.00	30.0	125	700	22
CTTC1103F-242J	2.40	30.0	125	700	25
CTTC1103F-332J	3.30	30.0	125	700	40
CTTC1103F-382J	3.80	30.0	125	650	61
CTTC1103F-402J	4.00	30.0	125	650	63
CTTC1103F-412J	4.10	30.0	125	600	65
CTTC1103F-492J	4.90	40.0	125	500	68
CTTC1103F-682J	6.80	40.0	125	500	85
CTTC1103F-712J	7.10	40.0	125	450	86
CTTC1103F-722J	7.20	40.0	125	450	88
CTTC1103F-812J	8.10	40.0	125	450	92
CTTC1103F-902J	9.00	40.0	125	450	98
CTTC1103F-952J	9.50	40.0	125	450	108

### PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F
mm	11.8	4.5	3.0	3.3 $\pm$ 0.1	2.0	0.8
inches	0.46	0.18	0.12	0.13 $\pm$ 0.004	0.08	0.03



### CHARACTERISTICS

- Description:** RFID Transponder Coil.
- Applications:** Designed for Radio Frequency Identification Systems (RFID), Tire Pressure Monitoring Systems, Car Remote Control Key, etc.
- Features:** Low profile, extended length, High Q value.
- Operating Temperature:** -40°C to +85°C
- Inductance Tolerance:**  $\pm 5\%$
- Testing:** Inductance is tested on an HP4285A at 125KHz, 0.25V.
- Packaging:** Tape & Reel.
- Marking:** Parts are marked with inductance code.
- Miscellaneous:** **RoHS Compliant.**
- Additional Information:** Additional electrical & physical information available upon request.
- Samples available. See website for ordering information.**

### PAD LAYOUT

