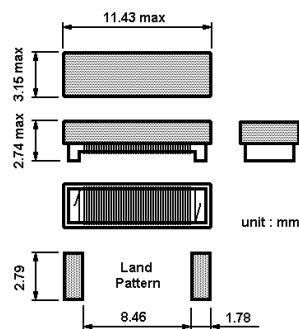
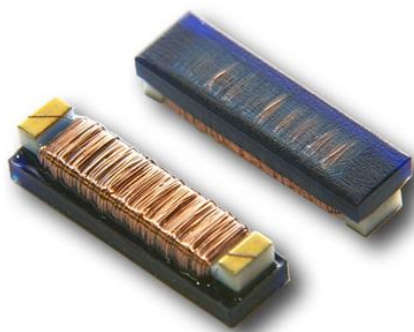


LF RFID Transponder SMD Coils



Description :

The LF RFID Transponder SMD Coil is a SMD type antenna used in a parallel LC circuit for 125 kHz RFID system. By tuning the L(inductance) and C(capacitor) to resonate in the LC circuit of a reader or tag, can get a better read distance and sensitivity.

Applications :

- Automotive electronic security system
- Remote keyless entry system
- Tire pressure monitoring system
- Airbag system

Features :

- SMD low profile type
- High Q value
- Taped and Reeled
- Withstand harsh mechanical shock
- Operating temperature range: -40°C to +85°C

Part Number	Inductance (mH \pm 5%)	SRF (KHz min)	DCR (ohm max)	Q Value (min)
SMD-0.40mH	0.40	4500	7.4	15
SMD-0.90mH	0.90	4000	22	15
SMD-1.08mH	1.08	4000	25	15
SMD-1.97mH	1.97	2400	34	17
SMD-2.38mH	2.38	2200	39	17
SMD-3.30mH	3.30	1800	51	17
SMD-4.15mH	4.15	1700	74	17
SMD-4.90mH	4.90	1300	96	17
SMD-6.80mH	6.80	1000	112	17
SMD-7.10mH	7.10	1000	115	17
SMD-8.10mH	8.10	960	123	17

* Test Frequency : 125KHz , 0.25V