

Low-frequency receiving antenna

RFID1103 SERIES



FEATURES:

- Robust construction for a high mechanical stability
- Qualified to AEC-Q200
- Suitable for pick and place and AOI (Automatic Optical Inspection)
- Suitable for lead-free reflow soldering
- RoHS-compatible

APPLICATIONS:

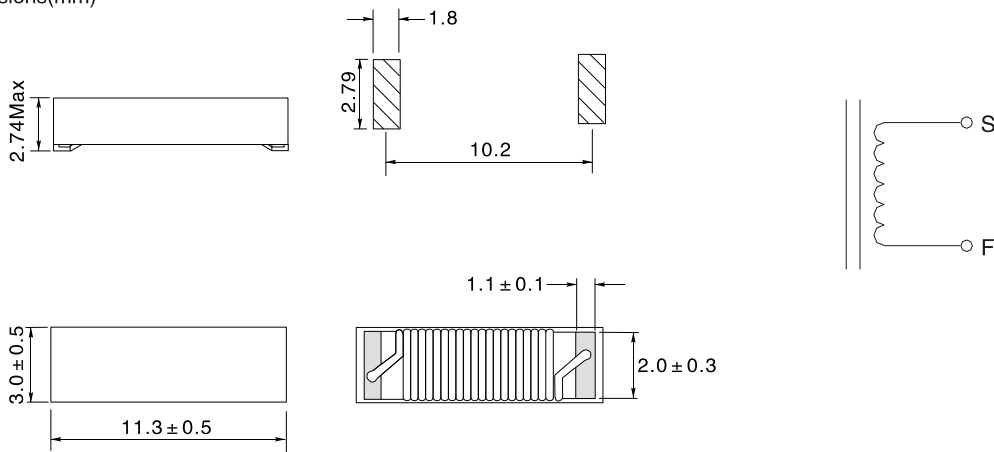
- Car access system
- Immobilizer
- PEPS (Passive Entry, Passive Start)
- TPMS (Tire Pressure Monitoring Systems)

ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (mH)	Test frequency (KHz)	Impedance (Ω)	Q
RFID1103-192	1.97 ± 5%	125	34	15
RFID1103-232	2.38 ± 5%	125	39	15
RFID1103-332	3.3 ± 5%	125	51	15
RFID1103-412	4.15 ± 5%	125	74	17
RFID1103-502	4.99 ± 5%	125	96	17
RFID1103-682	6.8 ± 5%	125	112	17
RFID1103-712	7.1 ± 5%	125	115	17
RFID1103-812	8.1 ± 5%	125	123	17
RFID1103-902	9.0 ± 5%	125	135	17
RFID1103-103	10.0 ± 5%	125	145	17

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimensions(mm)



NOTE:

- Test Frequency : 125KHz @25°C.
- Testing Instrument : HP4284A
- Ambient Temperature: -40°C - +85°C.
- Storage Temperature: -40°C - +105°C.