

Low-frequency receiving antenna

RFID0803C 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:

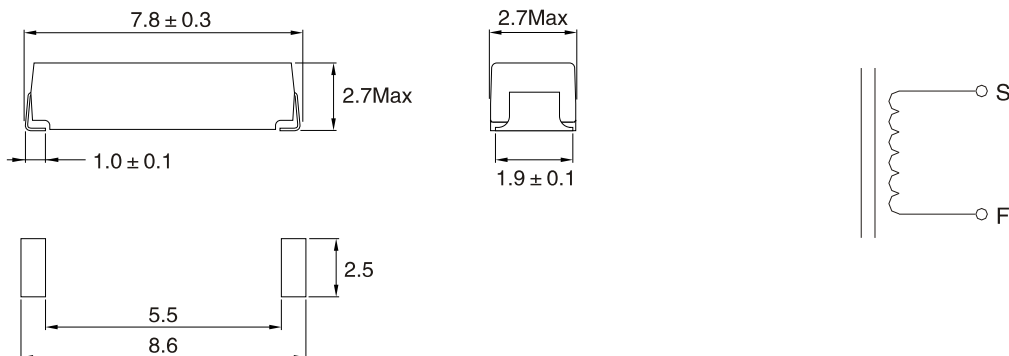
- Car access system
- Immobilizer
- PEPS (Passive Entry, Passive Start)
- TPMS (Tire Pressure Monitoring Systems)

ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (mH)	Test frequency (KHz)	SRF (MHz) Min	Q
RFID0803C-102	1.0 ± 3%	125	3.0	35
RFID0803C-232	2.36 ± 3%	125	2.0	35
RFID0803C-722	7.2 ± 3%	125	1.0	35
RFID0803C-183	18.52 ± 3%	125	0.4	30

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.