

Low-frequency receiving antenna

SDTR0602D 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)

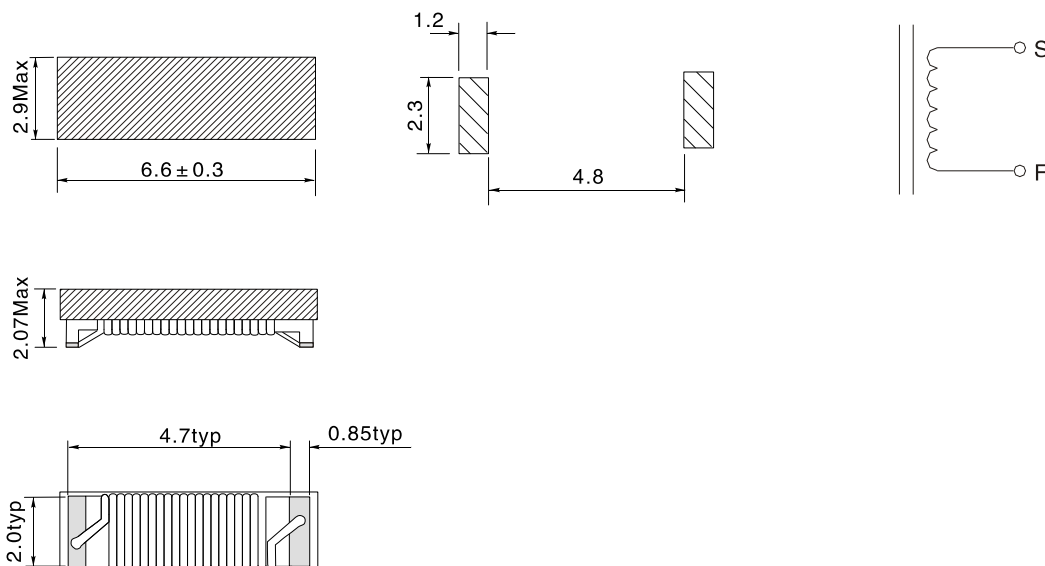


ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (mH)	Test frequency (KHz)	SRF (KHz)typ.	Q typ.
SDTR0602D-232	2.38 ± 5%	125	1000	35
SDTR0602D-372	3.7 ± 5%	125	700	25
SDTR0602D-472	4.7 ± 5%	125	600	25
SDTR0602D-492	4.91 ± 5%	125	600	25
SDTR0602D-722	7.2 ± 5%	125	450	20
SDTR0602D-902	9.0 ± 5%	125	300	20

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimensions(mm)



NOTE:

- Test Frequency : 125KHz, 0.25V @ 25°C.
- Testing Instrument : HP4284A
- Operating Temperature: -30°C to +100°C.
- Insulating resistance: 100MΩ Min, 100VDC between coil to core
- Hi-Pot: 500Vac, 3mA, 3S between coil to core