

Low-frequency receiving antenna

SDTR7026 SERIES

FEATURES:

- Ruggedized design to pass drop testing
- AEC-Q200 qualified
- Suitable for lead-free reflow soldering
- RoHS-compatible

APPLICATIONS:

- Car access system PEPS (Passive Entry, Passive Start)
- RFID (radio-frequency identification) systems at 125 kHz

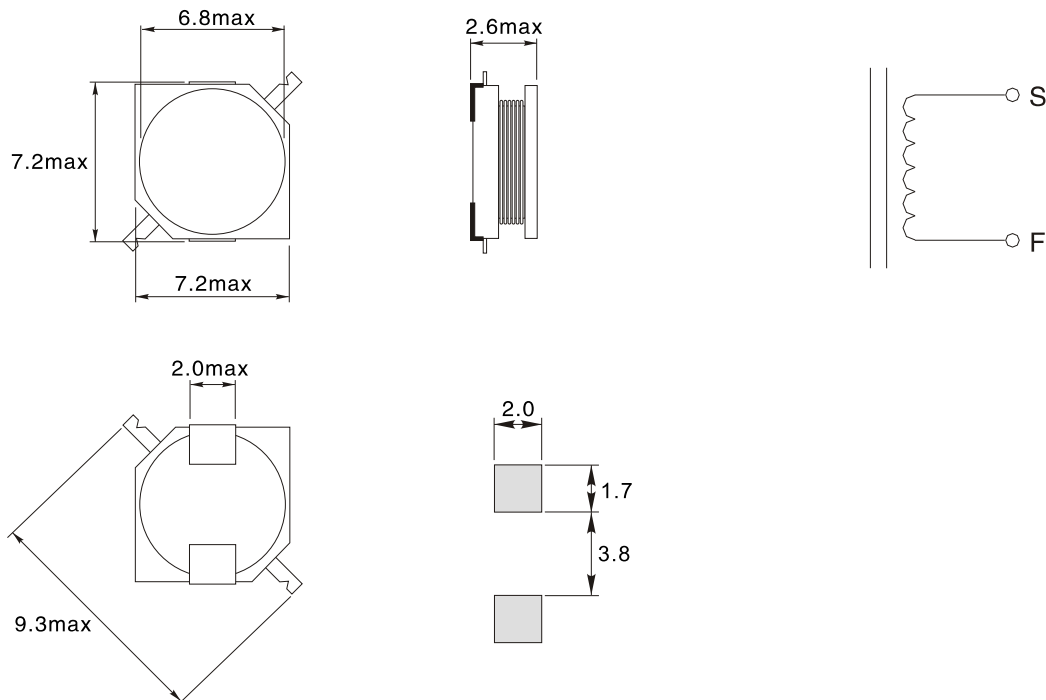


ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (mH)	Test frequency (KHz)	Impedance (Ω)	Q
SDTR7026-192	$1.97 \pm 5\%$	125	20	50
SDTR7026-232	$2.38 \pm 5\%$	125	29	50
SDTR7026-332	$3.3 \pm 5\%$	125	30	50
SDTR7026-412	$4.15 \pm 5\%$	125	54	50
SDTR7026-472	$4.7 \pm 5\%$	125	76	43
SDTR7026-682	$6.8 \pm 5\%$	125	95	50
SDTR7026-712	$7.1 \pm 5\%$	125	97	50
SDTR7026-812	$8.1 \pm 5\%$	125	100	50
SDTR7026-902	$9.0 \pm 5\%$	125	110	50
SDTR7026-103	$10.0 \pm 5\%$	125	132	50

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimensions(mm)



Note:

Sensitivity: 23mV/ μ T Max

Operating temperature: -40°C to $+85^{\circ}\text{C}$

Storage temperature: -40°C to $+105^{\circ}\text{C}$