

TP0502

5.2x2.4x2.7 mm MAX

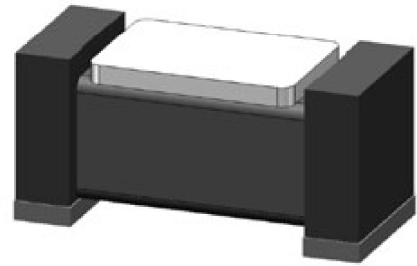
SMD Transponder Coil

Features

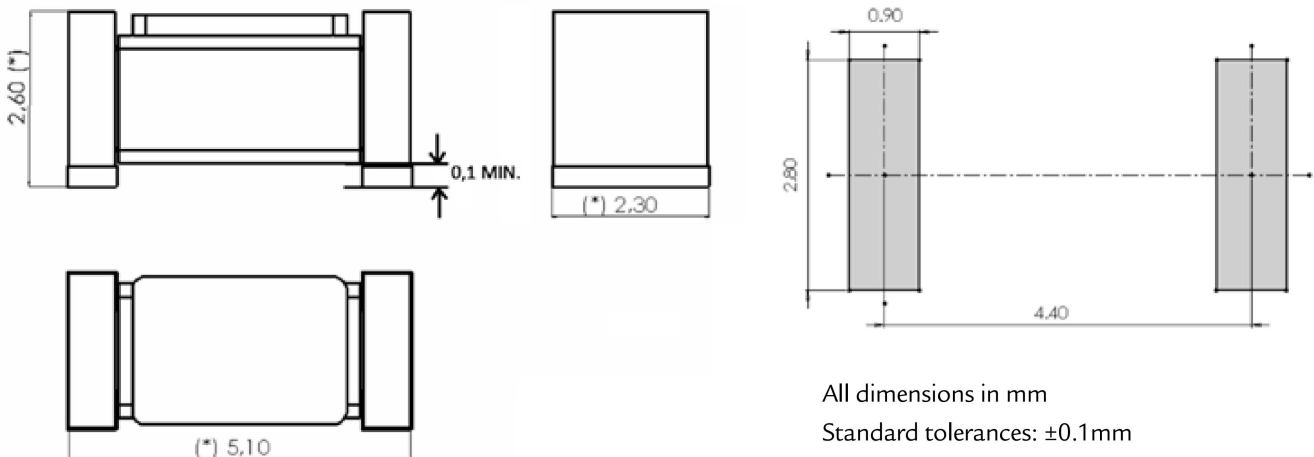
This single axis transponder suitable for Surface Mountable process combines a very small size and a good electrical performance and stability in temperature. A very good solution for RTPMS, Keyless Go and Keyless entry systems.

Characteristics

- Very small size: 5.2x2.4x2.7mm
- Good mechanical performance
- Good sensitivity in small volume
- Very stable electrical properties in full operational operative range (-40°C → +125°C)
- Wire: H, 125°C solderable.
- Terminals: Ag-Ni-Sn100
- Max. Operating Temperature: +125°C
- Suitable for Pick&Place SMD assembly



Dimensions



Electrical specifications

Code	L (mH)	Q min	SRF (kHz) Min	DCR (Ω) Max	Sensitivity (mVpp/App/m) min	Dimensions (mm) Max
TP0502-0238J	$2.38 \pm 5\%$	30	600	64.9	25	$5.2 \times 2.4 \times 2.7$
TP0502-0491J	$4.91 \pm 5\%$	28	550	94.6	32	$5.2 \times 2.4 \times 2.7$
TP0502-0589J	$5.89 \pm 5\%$	26	550	104.5	37	$5.2 \times 2.4 \times 2.7$
TP0502-0720J	$7.2 \pm 5\%$	24	500	127.6	40	$5.2 \times 2.4 \times 2.7$
TP0502-0900J	$9.0 \pm 5\%$	22	450	143.0	45	$5.2 \times 2.4 \times 2.7$
TP0502-1600J	$16.0 \pm 5\%$	28	450	191.4	60	$5.2 \times 2.4 \times 2.7$