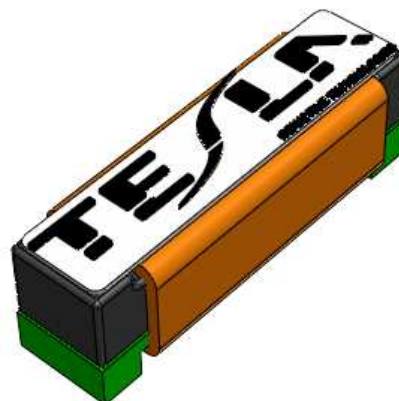


RFID transponder coil single axis 125 KHz 8,2x2,8mm

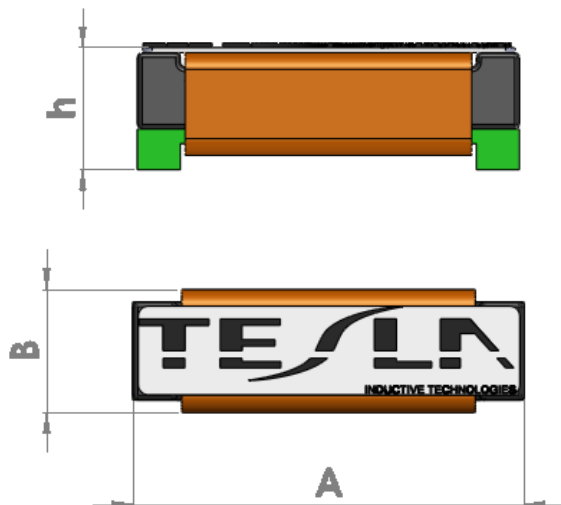
- High Sensitivity level (>30mVpp/App/m)
- Q factor > 34
- -40°C to +125°C operating temperature range
- AEC Q-200 qualified, valid for automotive
- Drop test resistance (up to 500 drops x 1m)
- Custom pad layout
- Pb-Free and RoHS compliant
- Excellent solderability properties



Products Characteristics table TSA08

P/N	L	L Tolerance	Q	Rdc	S	Size	Operation Temp.	Qualification
	Inductance (mH@125KHz)		Q factor @125KHz	DC Resistance (Ω)	Sensitivity (mVpp/App/m)	BxAxh (mm)	°C	
TSA08-0238	2,38	F=±1%	>53	41	30	8,2x2,8x2,9	-40, +125°C	AEC Q-200
TSA08-0491	4,91	G=±2%	>40	85	62	8,2x2,8x2,9	-40, +125°C	
TSA08-0720	7,20	J=±5% K=±10%	>34	113	112	8,2x2,8x2,9	-40, +125°C	

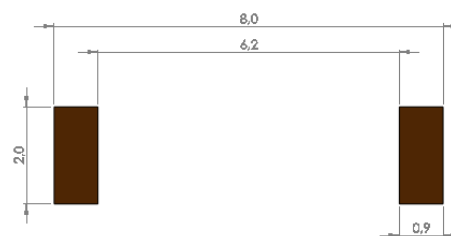
Dimensions



BxAxh = 8,2 x 2,8 x 2,9mm

Tolerances: ±0,1mm

Recommended pads layout



Tolerances: ±0,1mm
All dimensions in mm

Packaging information

Delivery form	Tape & reel
	13" size
	3000 pcs/reel
	According EIA 481 Std.

Inductance vs. Temperature

