

Transponder Coils

PASU1225V-SERIES

1. Features

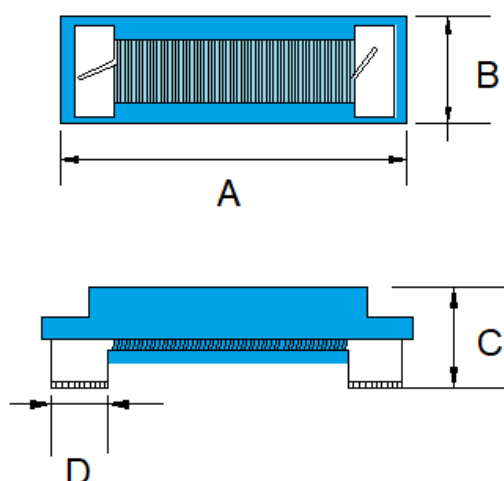
1. Suitable for pick and place and AOI (Automatic Optical Inspection)
2. PASU1225V-series realizes small size and low profile. 11.6x3.8x2.5mm.
3. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
4. Suitable for lead-free reflow soldering
5. High reliability -Reliability tests comply with AEC-Q200
6. Operating temperature -55~+125°C (Including self - temperature rise)



2. Applications

1. T-coil/HAC-coil for hearing and aid compatible cell phones.
2. Decoupling in RF and IF-circuit.
3. Transponder antenna.

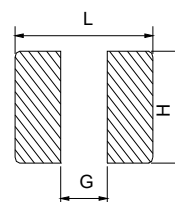
3. Dimensions



Size	A(mm)	B(mm)	C(mm)	D(mm)
PASU1225V	11.60±0.30	3.80±0.30	2.50±0.30	1.50 ref.

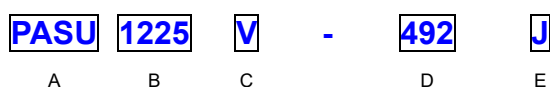
Unit:mm

Recommend PC Board Pattern



L(mm)	G(mm)	H(mm)
11.6	8.0	3.6

4. Part Numbering



A: Series
 B: Dimension L x H
 C: Category Code V=Vehicle
 D: Inductance 492=4900uH
 E: Inductance Tolerance J=±5%

5. Specification

Part Number	Inductance (uH)	Test Frequency (Hz)	Q min.	RDC (Ω) max.	Rated current (mA) max.	SRF (MHz) Typ.
PASU1225V-492J	4900±5%	0.1V/125K	20	50	50	0.34
PASU1225V-722J	7200±5%	0.1V/125K	40	40	50	0.30