

Transponder Coils

PASU3225V-SERIES

1. Features

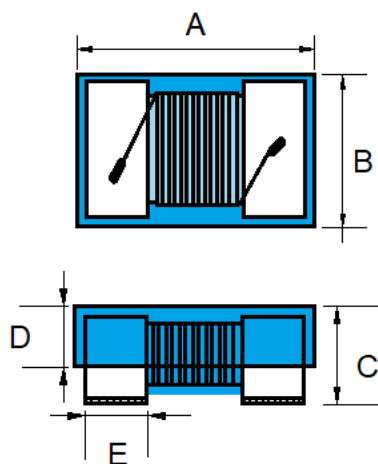
1. Suitable for pick and place and AOI (Automatic Optical Inspection)
2. PASU3225V-series realizes small size and low profile. 3.2x2.5x2.2mm.
3. All coated structure for better wiring protection.
4. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
5. Suitable for lead-free reflow soldering
6. High reliability -Reliability tests comply with AEC-Q200
7. Operating temperature -55~+125°C (Including self - temperature rise)
8. Patent pending



2. Applications

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

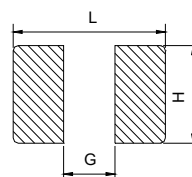
3. Dimension



Size	A	B	C	D	E
PASU3225	3.20±0.30	2.50±0.30	2.20±0.30	1.80 ref.	0.65±0.10

Unit:mm

Recommend PC Board Pattern



L(mm)	G(mm)	H(mm)
3.82	1.78	2.80

4. Part Numbering

PASU	3225	V	-	102	J
A	B	C		D	E

A: Series

B: Dimension

C: Category Code

D: Inductance

E: Inductance Tolerance

L x W

V=Vehicle

102=1080uH

J =±5%, K =±10%, M =±20%

5. Specification

TAI-TECH Part Number	Inductance (uH)	Tolerance	Test Frequency(Hz)	Q min.	Test Frequency(KHz)	IDC (mA) max.	DCR(Ω) max.	SRF(MHz) Typ.
PASU3225V-102□	1080	J,K,M	0.1V/125K	15	125K	50	35	2.0
PASU3225V-132□	1340	J,K,M	0.1V/125K	15	125K	50	42	2.0