

Winding Type Chip Inductor

PAS3225V-SERIES

1. Features

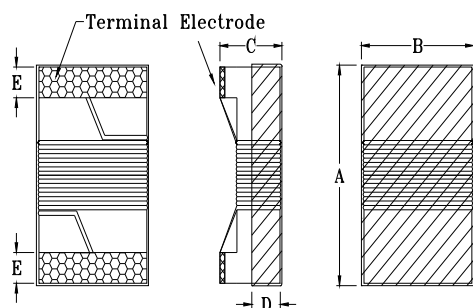
1. Hearing Aid Compatibility-/Telecoil-antennas;
2. PAS3225V-series realizes small size and low profile. 3.6x2.8x2.6mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Meets the T3/T4 FCC requirements(HAC) . ANSI C63.19
5. High reliability -Reliability tests comply with AEC-Q200
6. Operating temperature -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 .

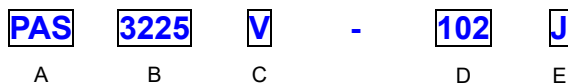
3. Dimension



Size	A	B	C	D	E
PAS3225	3.60 max.	2.80 max.	2.60 max.	0.80 ref.	0.55±0.10

Unit:mm

4. Part Numbering



A: Series
 B: Dimension
 C: Category Code
 D: Inductance
 E: Inductance Tolerance

L x W
 V=Vehicle
 102=1080uH
 J =±5%, K =±10%

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) min.
PAS3225V-151□	150	J,K,M	0.1V/125K	15	125K	200	6.55	4.0
PAS3225V-201□	200	J,K,M	0.1V/125K	15	125K	180	8.23	3.5
PAS3225V-301□	300	J,K,M	0.1V/125K	15	125K	170	9.35	3.0
PAS3225V-351□	350	J,K,M	0.1V/125K	15	125K	150	10.13	2.8
PAS3225V-551□	550	J,K,M	0.1V/125K	15	125K	100	15.00	2.5
PAS3225V-681□	680	J,K,M	0.1V/125K	15	125K	100	22.00	2.5
PAS3225V-801□	800	J,K,M	0.1V/125K	15	125K	100	33.00	2.5
PAS3225V-102□	1080	J,K,M	0.1V/125K	15	125K	50	35.00	1.5
PAS3225V-132□	1340	J,K,M	0.1V/125K	15	125K	50	42.00	1.5

6. Recommended PC Board Pattern

Chip size							Land Patterns For Reflow Soldering		
Series	Type	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	L(mm)	G(mm)	H(mm)
PAS	3225	3.60max	2.80max	2.60max	0.80 ref.	0.55±0.1	3.82	1.78	2.80

