

Product Specification



This product is certified to comply with the RoHS Directive 2002/95/EC.

LPUE Series Unshielded Power Inductor

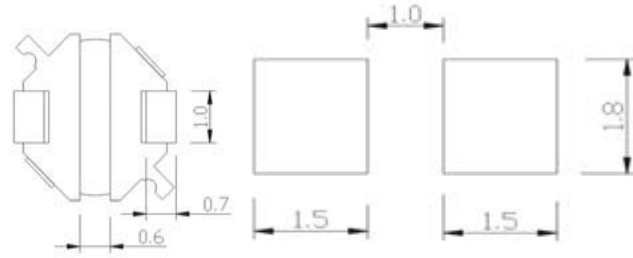
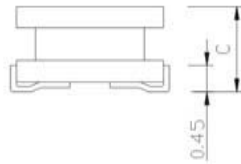
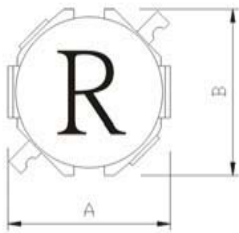


Applications

- Camcorder
- LCD TV
- GPS, PDA
- Digital Camera
- DC/DC Converters, etc.

Features

- Very low profile
- Compact design, small size and low cost
- Max current rating 1.4A



Suggested pad dimensions

Dimensions

Codes	A (mm)	B (mm)	C (mm) Max.
LPUE0312	3.2±0.3	3.2±0.3mm	1.8±0.3

Ordering Code Guide:

Series Code	Tolerance	Packaging	Inductance
LPUE0312	N: ±30%	T: Tape and Reel	1R0: 1.0uH
	M±20%		100: 10.0uH

Inductance Code	Inductance		DCR (Ω) max	Rated DC current (A) max.
	L (uH)	Tolerance		
1R0	1.0	N	0.08	1.40
1R8	1.8	N	0.11	1.10
2R2	2.2	N	0.12	1.00
2R7	2.7	N	0.15	0.95
4R7	4.7	N	0.28	0.75
5R6	5.6	N	0.31	0.68
6R8	6.8	N	0.36	0.62
7R5	7.5	N	0.39	0.60
100	10	M	0.43	0.53
150	15	M	0.72	0.44
220	22	M	1.18	0.33
330	33	M	1.90	0.26
470	47	M	2.45	0.23
680	68	M	4.20	0.17

Reflow Profile

