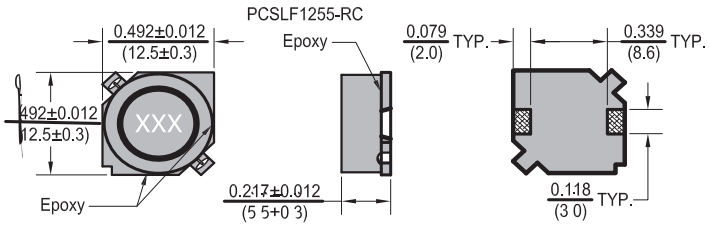
RoHS

Power Chip Shielded Inductors PCSLF1255

Dimensions: Inches (mm)





Allied Part Number	Inductance (uH)	Tolerance (%)	Test Freq. KHz,0.5v	DCR (Ω) ±20%	IDC (A)	Itemp (A) Max.
PCSLF1255-6R0M-RC	6	20	1	.0164	3.6	4.9
PCSLF1255-100M-RC	10	20	1	.0215	3.4	4.3
PCSLF1255-150M-RC	15	20	1	.0259	2.8	3.9
PCSLF1255-220M-RC	22	20	1	.0338	2.3	3.4
PCSLF1255-330M-RC	33	20	1	.0415	1.9	3.1
PCSLF1255-470M-RC	47	20	1	.0618	1.6	2.5
PCSLF1255-680M-RC	68	20	1	.0832	1.3	2.2
PCSLF1255-101M-RC	100	20	1	0.117	1.1	1.8
PCSLF1255-151M-RC	150	20	1	0.35	.88	1.4
PCSLF1255-221M-RC	220	20	1	0.47	.72	1.2
PCSLF1255-331M-RC	330	20	1	0.58	.59	1.0
PCSLF1255-471M-RC	470	20	1	0.68	.49	.88
PCSLF1255-681M-RC	680	20	1	1.03	.43	.73
PCSLF1255-102M-RC	1000	20	1	1.60	.34	.60
PCSLF1255-152M-RC	1500	20	1	2.80	.29	.48

All specifications subject to change without notice.

Features

- Shielded Power Inductor
- Suitable for high current applications
- Low Profile
- Low Power loss and High current

Electrical

Inductance Range: 6µH to 1500µH
Tolerance: 20% over entire range, tighter tolerances available
Operating Temp: -40ºC ~ +85ºC
IDC: Current at which inductance drops by 10% of intial value
Itemp current: Value obtained when current flows and the temperature has risen by 30ºC

Resistance to Soldering Heat

Pre-Heat 150ºC, 1 minute.
Solder Composition: Sn/Ag3.0/Cu0.5
Solder Temp: 260ºC ± 5ºC for 10 sec. ± 1 sec.

Test Equipment

(L): HP 4192A
(RDC): Chen Hwa 502BC
(IDC): HP4284A + HP42841A / Chen Hwa 1061 + 301A

Physical

Packaging: 500pcs per 13 inch reel.
Marking: EIA Inductance Code