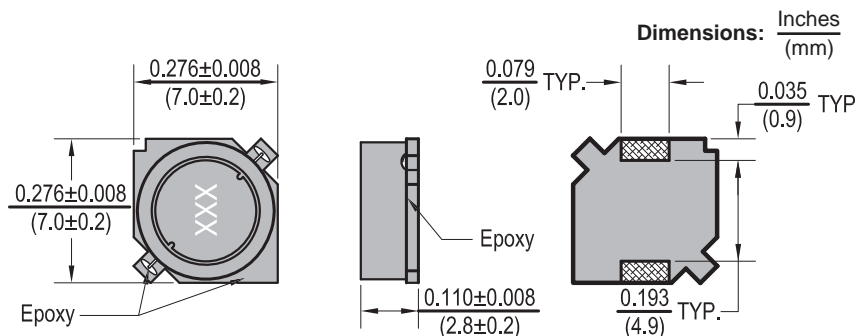


PCSLF0728 Power Chip Shielded Inductors



Features

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

Electrical

Inductance Range: 2.2μh to 47μh

Tolerance: 20% over entire range

Operating Temp: -40°C ~ +85°C

IDC: Current at which inductance drops by 10% of initial value

Resistance to Soldering Heat

Pre-Heat 150°C, 1 minute.

Solder Composition: Sn/Ag3.0/Cu0.5

Solder Temp: 260°C ± 5°C for 10 sec. ± 1 sec.

Test Equipment

(L): HP 4192A LF Impedance Analyzer

(RDC): Chen Hwa 502BC

(IDC): HP4284A + HP42841A /
Chen Hwa 1061+301A

Physical

Packaging: 1000 pieces per 13 inch reel.

Marking: EIA Inductance Code

Allied Part Number	Inductance (uH)	Tolerance (%)	Test Freq. KHz, 0.5v	DCR (Ω) ±20%	IDC (A)
PCSLF0728-2R2M-RC	2.2	20	1	0.032	1.8
PCSLF0728-3R3M-RC	3.3	20	1	0.037	1.6
PCSLF0728-4R7M-RC	4.7	20	1	0.045	1.5
PCSLF0728-5R0M-RC	5.0	20	1	0.045	2.4
PCSLF0728-6R8M-RC	6.8	20	1	0.059	1.3
PCSLF0728-8R2M-RC	8.2	20	1	0.065	1.1
PCSLF0728-100M-RC	10	20	1	0.083	1.1
PCSLF0728-150M-RC	15	20	1	0.130	.88
PCSLF0728-220M-RC	22	20	1	0.180	.75
PCSLF0728-330M-RC	33	20	1	0.240	.65
PCSLF0728-470M-RC	47	20	1	0.340	.54

All specifications subject to change without notice.