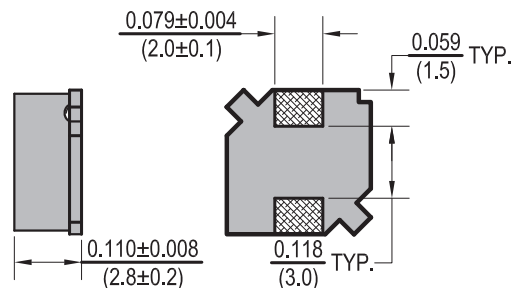
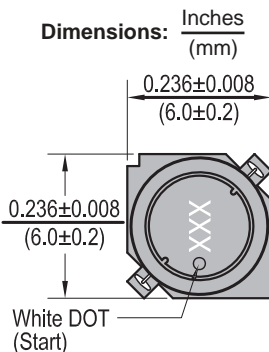




# Power Chip Shielded Inductors PCSLF0628



Allied Part Number	Inductance (μH)	Tolerance (%)	Test Freq. KHz, 0.5V	RDC (Ω) ±20%	IDC (A)	Itemp (A) Max.
PCSLF0628-4R7M-RC	4.7	20	1	.028	1.6	2.5
PCSLF0628-5R4M-RC	5.4	20	1	.033	1.5	2.0
PCSLF0628-6R8M-RC	6.8	20	1	.035	1.5	2.2
PCSLF0628-100M-RC	10	20	1	.053	1.3	1.8
PCSLF0628-150M-RC	15	20	1	.075	1.0	1.4
PCSLF0628-220M-RC	22	20	1	.104	.77	1.3
PCSLF0628-330M-RC	33	20	1	.148	.69	1.1
PCSLF0628-470M-RC	47	20	1	.210	.59	0.92
PCSLF0628-680M-RC	68	20	1	.290	.50	0.78
PCSLF0628-101M-RC	100	20	1	.430	.42	0.64

All specifications subject to change without notice.

## Features

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

## Electrical

**Inductance Range:** 4.7μH to 100μH

**Tolerance:** 20% over entire range

**Operating Temp:** -40°C ~ +85°C

**IDC:** Current at which inductance drops by 30% of initial value

**Itemp:** Current at which the temperature has risen 25°C from initial Temp.

## 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

## Physical

**Packaging:** 1000 pieces per 13 inch reel.

**Marking:** EIA Inductance Code