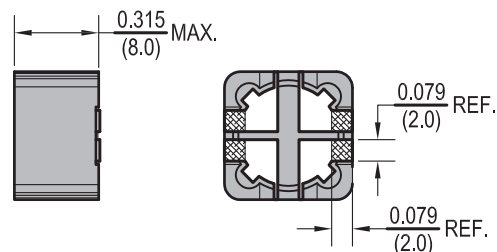
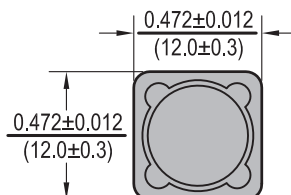
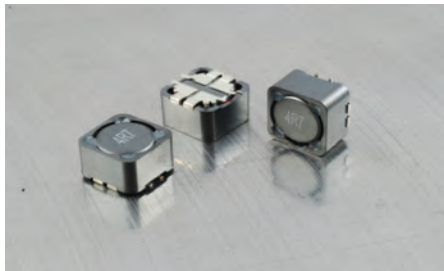




SMD COMMON MODE POWER INDUCTORS PCSDW127

Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (μh)	Tolerance (%)	Test Freq. KHz, 0.25V	DCR (Ω)	Rated Current (A)
PCSDW127-4R7M-RC	4.7	20	100	0.0140	16.400
PCSDW127-100M-RC	10	20	100	0.0172	11.200
PCSDW127-150M-RC	15	20	100	0.0310	9.660
PCSDW127-470M-RC	47	20	100	0.0863	4.000
PCSDW127-600M-RC	60	20	100	0.1120	4.100
PCSDW127-900M-RC	90	20	100	0.1800	3.000
PCSDW127-101M-RC	100	20	100	0.2080	3.640
PCSDW127-681M-RC	680	20	100	2.7000	1.390

Features

- Small SMD common mode choke
- Suitable for reflow soldering
- Low DCR
- Suitable for pick and place

Electrical

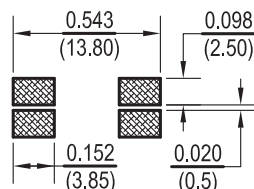
Inductance Range: 4.7 μh to 680 μh

Tolerance: 20% over entire inductance range
Available in tighter tolerances

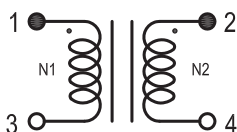
Operating Temp: -55°C ~ +125°C

Rated Current: Current at which the inductance drops 35% of initial value or $\Delta T=40^\circ\text{C}$ whichever is lower

Land Pattern



Schematic



Resistance to Soldering Heat

Pre-Heat 150°C, 1 Min.

Solder Temp: 260°C +/- 5°C

Immersion time: 10 sec. +/- 1 sec.

Test Equipment

(L): HP 4284A LCR meter or equivalent

(DCR): HP 4338B Milliohm meter or equivalent

(Rated Current): 3260N WK LCR Meter & DC Bias 3265B WK

Physical

Packaging: 500 pieces per 13 inch reel.

Marking: EIA Inductance Code.

All specifications subject to change without notice.