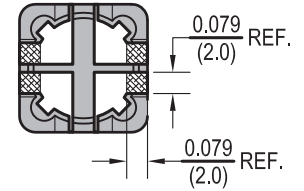
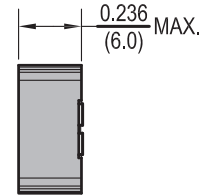
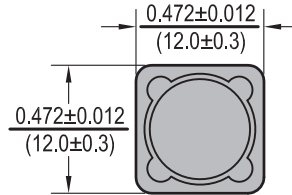




SMD COMMON MODE POWER INDUCTORS PCSDW125

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



Allied Part Number	Inductance (μh)	Tolerance (%)	Test Freq. KHz, 0.25V	DCR (Ω)	Rated Current (A)
PCSDW125-3R3M-RC	3.3	20	100	0.0076	12.700
PCSDW125-220M-RC	22	20	100	0.1020	4.710
PCSDW125-680M-RC	68	20	100	0.2800	2.620
PCSDW125-821M-RC	81	20	100	0.7700	1.490

Features

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

Electrical

Inductance Range: 3.3μh to 820μh

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 ΔT=40°C whichever is lower

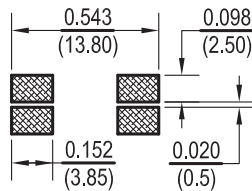
Resistance to Soldering Heat

Pre-Heat 150°C, 1 Min.

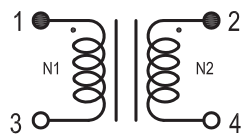
Solder Temp: 260°C +/- 5°C

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

Land Pattern



Schematic



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.