



Recommended PCB Layout



A	B	B1	C	D	E	G	H	I
.886 Max (22.5)	.602 Max (15.3)	.303+ .020/-0 (7.7+0.5/-0)	.472 Max (12.0)	.575 (14.6)	.098 Max (2.5)	.531 (13.5)	.394 (10.0)	.169 (4.3)

Allied Part Number	Inductance (μH)	Tolerance (%)	Test Frequency KHz, 0.1V	DCR (mΩ) Max	Isat (A) Typ	I <sub>rms</sub> (A)
PCI65-150M-RC	15	20	100	20	13.8	6.5
PCI65-180M-RC	18	20	100	22	13.2	6.0
PCI65-220M-RC	22	20	100	24	11.8	5.7
PCI65-330M-RC	33	20	100	37	9.6	4.5
PCI65-470M-RC	47	20	100	52	7.8	3.7
PCI65-680M-RC	68	20	100	67	6.7	3.4
PCI65-101M-RC	100	20	100	115	5.6	2.8
PCI65-331M-RC	330	10	100	325	3.0	1.5
PCI65-681M-RC	680	10	100	780	2.0	1.1

All specifications subject to change without notice.

**Features**

- High current capacity
- High energy storage and low DCR
- Wrap around terminals for excellent solder quality and inspection
- Flat top for pick and place assembly
- Non-standard values available

**Electrical**

**Inductance Range:** 15μH to 680μH  
**Tolerance:** ±20% 15μH to 100μH  
 ±10% 330μH to 680μH  
**Test Frequency:** Inductance measured at 100KHz, 0.1 Vrms  
**Operating Temp. Range:** -40°C to +125°C  
**Isat:** DC current at which the inductance drops by 10% from its value without current.  
**I<sub>rms</sub>:** Current that causes ΔT=40°C rise from 25°C ambient temperature.

**Physical**

**Marking:** EIA Code  
**Packaging:** 200 pieces per 13 inch reel

**Reflow Soldering**

