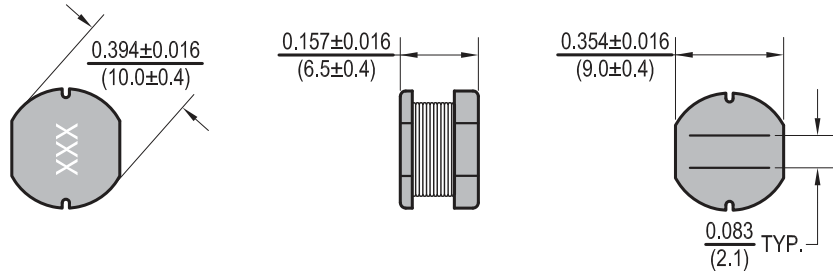




Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (uH)	Tolerance (%)	Test Freq.	DCR Max. (Ω)	Isat (A)
PC1006-220_-RC	22	K, M	2.52 MHz	0.08	3.8
PC1006-471_-RC	470	K, M	1 KHz, 1V	1.421	0.82
PC1006-531_-RC	530	K, M	1 KHz, 0.25V	1.7	0.62
PC1006-102_-RC	1000	K, M	1 KHz, 1V	2.9	0.6
PC1006-122_-RC	1200	K, M	1 KHz, 1V	3.5	0.5
PC1006-152_-RC	1500	K, M	1 KHz, 1V	3.8	0.6
PC1006-202_-RC	2000	K, M	1 KHz, 1V	6.6	0.4
PC1006-222_-RC	2200	K, M	1 KHz, 1V	6	0.4
PC1006-602_-RC	6000	K, M	1 KHz, 1V	14	0.27
PC1006-822_-RC	8200	K, M	1 KHz, 1V	50	0.2

*Please insert the letter for desired tolerance: K=±10%, M=±20%
All specifications subject to change without notice.

Features

- Unshielded SMD Power Inductor
- High Saturation Current
- Suitable for large currents
- Ideal for DC-DC converter applications

Electrical

Inductance Range: 22uH to 8200uH

Tolerance: K= ±10%, M=±20%

Test Frequency: As noted

Operating Temp: -40°C ~ 105°C

IDC: Current at which Inductance drops 10% of original value without current.

Resistance to Soldering Heat

Pre-Heat 150°C, 1 Min.

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

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

Test Equipment

(L): HP4192A LF Impedance Analyzer

(RDC): Chen Hwa 502BC

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

Physical

Packaging: 500 pieces per 13 inch reel.

Marking: EIA Inductance Code.