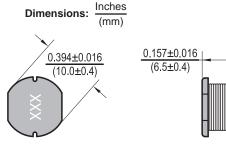
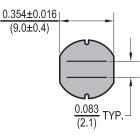
RoHS

Power Chip Inductors









Allied Part Number	Inductance (mH)	Tolerance (%)	Test Freq. KHz,1v	DCR Max. (Ω)	IDC Max. (A)
PC1006-602K-RC	6000	10	1	14	0.27
PC1006-822K-RC	8200	10	1	50	0.20

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: 6mH to 8.2mH Tolerance: 20% over entire range Also available in tighter tolerances Test Frequency: As noted Operating Temp: -40° C ~ $+85^{\circ}$ C IDC: Current at which Inductance drops 10% of original value with a Δ T= 40 C whichever is lower.

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 Impedence 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.

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