

PRECISION SMD INDUCTOR



P1600 SERIES



- High Q Inductor
- Good for high quality oscillator circuit applications
- Excellent temperature stability from -40°C to +100°C, with low loss and low radiation
- Handle I_{dc} from 200mA to 1A
- RoHS Compliant Product
- Custom Design Available

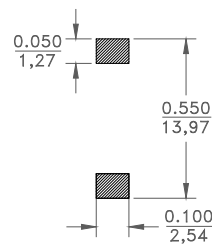
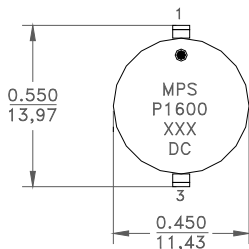
ELECTRICAL PARAMETERS @25°C

Part Number	L (μ H)	Tolerance (\pm %)	Q (100KHz, 0.1V MIN)	DCR (Ω MAX)
P1600-101	100	3.0	170	0.60
121	120	3.0	170	0.60
151	150	3.0	170	0.70
181	180	3.0	170	0.70
201	200	3.0	170	0.70
221	220	3.0	170	0.80
251	250	3.0	170	0.80
271	270	3.0	180	0.90
301	300	3.0	180	0.90
331	330	3.0	180	0.90
361	360	3.0	180	1.00
391	390	3.0	180	1.00
431	430	2.5	180	1.00
471	470	2.5	180	1.15
501	500	2.5	180	1.20
561	560	2.5	180	1.20

NOTES:

- Inductance at 100KHz, 0.10VRMS
- Q measured at 100KHz, 0.10VRMS

DIMENSIONS (mm)



LAND PATTERN

Dimensions

Unless otherwise specified, all tolerances are:

inch: .XX : ± 0.015 .XXX : ± 0.004
 mm: X.X : ± 0.38 X,XX : ± 0.10

Product performance is limited to specified parameters. Data is subject to change without prior notice.

Tel: 310-325-1043
 Fax: 310-325-1044

www.mpsind.com
 sales@mpsind.com