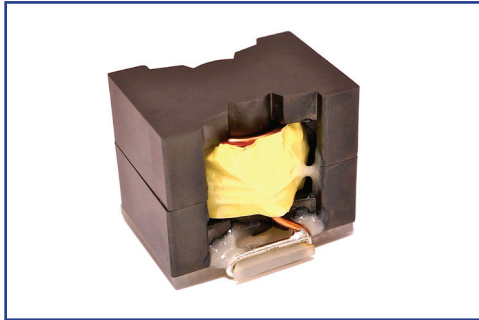


# SURFACE MOUNT POWER INDUCTOR



## P1320P SERIES



- High energy storage, low resistance
- Extra low core loss
- Excellent heat dissipation
- Operating temperature range: -40°C to +85°C
- Custom design available upon request
- RoHS compliant product

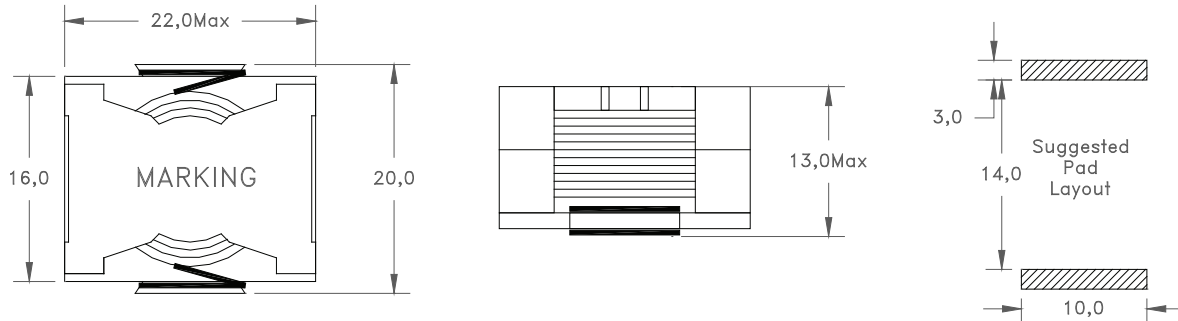
### ELECTRICAL PARAMETERS @ 25°C

Part Number	Inductance ( $\mu\text{H}$ ) ( $\pm 10\%$ )	Idc (A) (MAX)	DCR (m $\Omega$ ) (MAX)
P1320P-			
5R5	5.5	14.5	5
7R5	7.5	13.5	6
100	10	12.0	7
160	16	9.6	9
190	19	8.5	11
230	23	8.0	12
270	27	7.5	15
310	31	6.8	18
360	36	6.4	20
410	41	5.5	26
580	58	4.8	36

Note:

1. Inductance measured: 100KHz, 0.1Vrms
2. Idc:  $\Delta L$  25% typical from initial value or  $\Delta T$  40°C typical from ambient temp, whichever is sooner

### DIMENSIONS (mm)



#### Dimensions

Unless otherwise specified, all tolerances are:  
 inch: .XX :  $\pm 0.008$  .XXX :  $\pm 0.004$   
 mm: X.X :  $\pm 0.20$  X.XX :  $\pm 0.10$

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

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