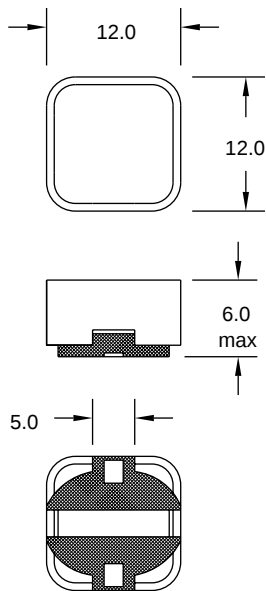


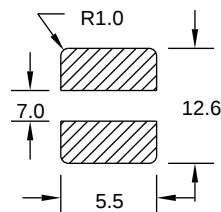
# Shielded, SMT Power Inductors

## Special Features

- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power application
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100°C
- Current to cause maximum 25% of inductance drop, or 40°C temperature rise
- Tape & reel packaged 500/reel



Dim: mm  
Tol: -/+0.3



Pad Layout

| PM125SH Series |                          |                 |           |
|----------------|--------------------------|-----------------|-----------|
| Part Number    | L (uH)<br>±20%<br>@ 1KHz | DCR (Ω)<br>Max. | I, DC (A) |
| PM125SH-100M   | 10                       | 0.025           | 4.0       |
| PM125SH-120M   | 12                       | 0.027           | 3.5       |
| PM125SH-150M   | 15                       | 0.030           | 3.3       |
| PM125SH-180M   | 18                       | 0.034           | 3.0       |
| PM125SH-220M   | 22                       | 0.036           | 2.8       |
| PM125SH-270M   | 27                       | 0.051           | 2.3       |
| PM125SH-330M   | 33                       | 0.057           | 2.1       |
| PM125SH-390M   | 39                       | 0.068           | 2.0       |
| PM125SH-470M   | 47                       | 0.075           | 1.8       |
| PM125SH-560M   | 56                       | 0.11            | 1.7       |
| PM125SH-680M   | 68                       | 0.12            | 1.5       |
| PM125SH-820M   | 82                       | 0.14            | 1.4       |
| PM125SH-101M   | 100                      | 0.16            | 1.3       |
| PM125SH-121M   | 120                      | 0.17            | 1.1       |
| PM125SH-151M   | 150                      | 0.23            | 1.0       |
| PM125SH-181M   | 180                      | 0.29            | 0.90      |
| PM125SH-221M   | 220                      | 0.40            | 0.80      |
| PM125SH-271M   | 270                      | 0.46            | 0.75      |
| PM125SH-331M   | 330                      | 0.51            | 0.68      |
| PM125SH-391M   | 390                      | 0.69            | 0.65      |
| PM125SH-471M   | 470                      | 0.77            | 0.58      |
| PM125SH-561M   | 560                      | 0.86            | 0.54      |
| PM125SH-681M   | 680                      | 1.20            | 0.48      |
| PM125SH-821M   | 820                      | 1.34            | 0.43      |
| PM125SH-102M   | 1000                     | 1.53            | 0.40      |

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