

# Shielded, SMT Power Inductors

## Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Operating temperature -40 to +100 °C
- Tape & reel packaged 1000/reel

## Typical Applications

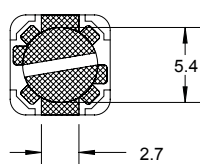
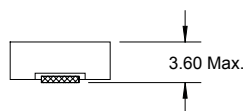
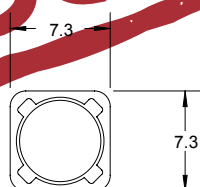
- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

## Notes

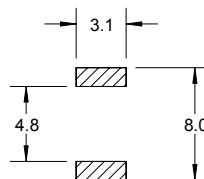
\* Rated current to cause max. 20 % of inductance drop and 40 °C temperature rise.

| PM73SH Series  |                           |                    |           |
|----------------|---------------------------|--------------------|-----------|
| Part Number    | L (μH)<br>±20 %<br>@1 KHz | DCR<br>(Ω)<br>Max. | I*<br>(A) |
| PM73SH-R56M-RC | 0.56                      | 0.011              | 4.02      |
| PM73SH-1R0M-RC | 1.0                       | 0.012              | 3.90      |
| PM73SH-1R5M-RC | 1.5                       | 0.015              | 3.48      |
| PM73SH-3R3M-RC | 3.3                       | 0.029              | 2.49      |
| PM73SH-4R7M-RC | 4.7                       | 0.036              | 2.24      |
| PM73SH-6R8M-RC | 6.8                       | 0.050              | 1.89      |
| PM73SH-100M-RC | 10                        | 0.061              | 1.72      |
| PM73SH-120M-RC | 12                        | 0.083              | 1.48      |
| PM73SH-150M-RC | 15                        | 0.099              | 1.35      |
| PM73SH-180M-RC | 18                        | 0.11               | 1.26      |
| PM73SH-220M-RC | 22                        | 0.13               | 1.17      |
| PM73SH-270M-RC | 27                        | 0.19               | 0.98      |
| PM73SH-330M-RC | 33                        | 0.22               | 0.90      |
| PM73SH-390M-RC | 39                        | 0.24               | 0.87      |
| PM73SH-470M-RC | 47                        | 0.27               | 0.82      |
| PM73SH-560M-RC | 56                        | 0.37               | 0.70      |
| PM73SH-680M-RC | 68                        | 0.41               | 0.67      |
| PM73SH-820M-RC | 82                        | 0.53               | 0.59      |
| PM73SH-101M-RC | 100                       | 0.58               | 0.56      |
| PM73SH-121M-RC | 120                       | 0.65               | 0.53      |
| PM73SH-151M-RC | 150                       | 0.74               | 0.50      |
| PM73SH-181M-RC | 180                       | 1.25               | 0.38      |
| PM73SH-221M-RC | 220                       | 1.50               | 0.35      |
| PM73SH-271M-RC | 270                       | 1.81               | 0.32      |
| PM73SH-331M-RC | 330                       | 1.84               | 0.31      |
| PM73SH-391M-RC | 390                       | 2.58               | 0.26      |
| PM73SH-471M-RC | 470                       | 2.75               | 0.26      |
| PM73SH-561M-RC | 560                       | 2.92               | 0.25      |
| PM73SH-681M-RC | 680                       | 4.55               | 0.20      |
| PM73SH-821M-RC | 820                       | 5.34               | 0.18      |
| PM73SH-102M-RC | 1000                      | 7.80               | 0.15      |

**OBsolete**



Dimensions: mm  
Tolerance: -/+ 0.2



Pad Layout

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