

# 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

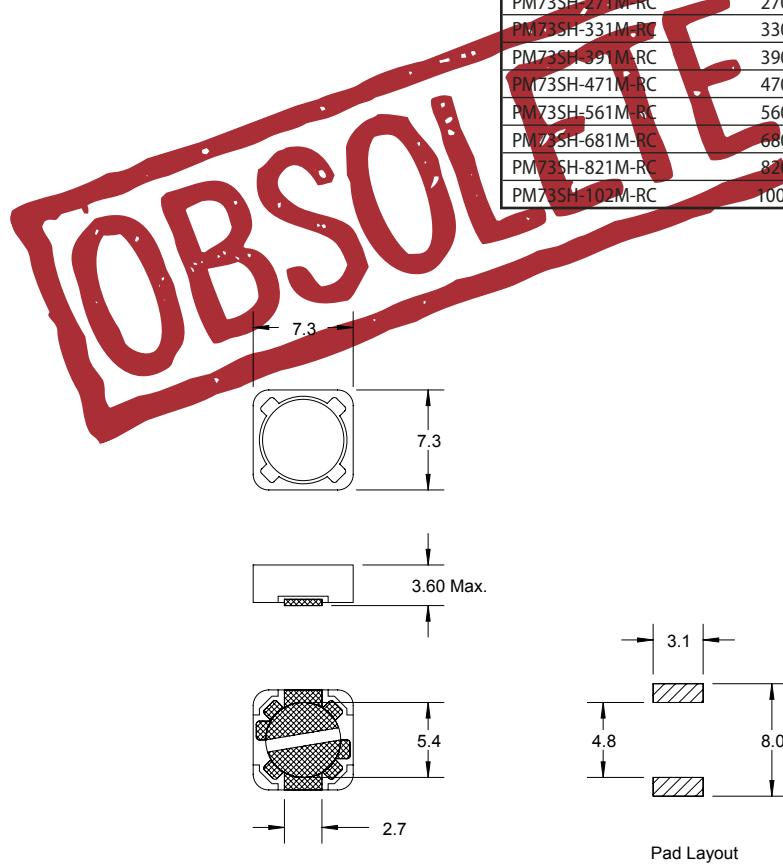
## Typical Applications

- 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 ( $\mu$ H) ±20 % @1 KHz	DCR ( $\Omega$ ) Max.	I* (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



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