

# Shielded, SMT Power Inductors

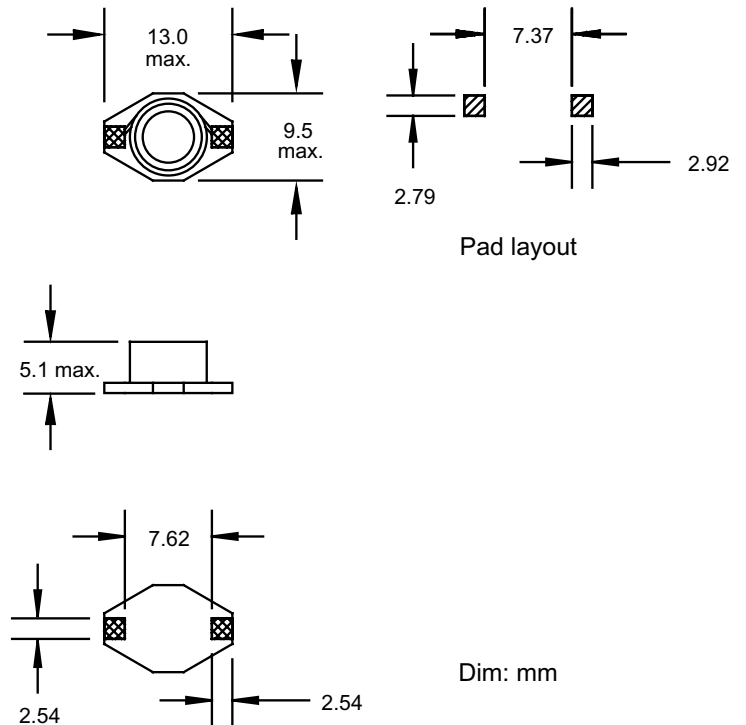
## Special Features

- High current capacity
- Magnetically shielded
- Low DCR
- Ferrite bobbin core
- Compact size
- High heat resistance, ideal for reflow soldering
- High reliability
- Test frequency 100 KHz
- Operating temperature -40 to +85°C
- Saturation current to cause 10% inductance drop
- Rms current to cause 15°C temperature rise
- Tape & reel packaged 500/reel

## Typical Applications

- High reliability, low magnetic coupling and densely packed board design
- Small cell phones
- PDAs
- Pagers
- Flash memory programmers
- Notebook computers
- Battery chargers
- DC-DC converters
- Network cards
- Switching boards
- Industrial electronics
- Entertainment electronic devices

PM3316S Series				
Part Number	L (uH) ± 20%	DCR (Ω) Max.	I, sat. (A)	I, rms (A)
PM3316S-1R0M	1.0	0.021	5.6	5.0
PM3316S-1R5M	1.5	0.022	5.2	4.5
PM3316S-2R2M	2.2	0.032	5.0	3.8
PM3316S-3R3M	3.3	0.039	3.9	3.3
PM3316S-4R7M	4.7	0.054	3.2	2.7
PM3316S-6R8M	6.8	0.075	2.8	2.2
PM3316S-100M	10	0.101	2.4	2.0
PM3316S-150M	15	0.15	2.0	1.5
PM3316S-220M	22	0.207	1.6	1.3
PM3316S-330M	33	0.334	1.4	1.1
PM3316S-470M	47	0.472	1.0	0.8



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