

Shielded, SMT Power Inductors



Model PM1608S Series is currently available, although not recommended for new designs. Model SRR6603 is preferred.

Special Features

- High energy storage capacity
- Magnetically shielded
- Low DCR
- Ferrite bobbin core
- Low profile, miniature size
- High heat resistance, ideal for reflow soldering
- High reliability
- Test frequency 100 KHz
- Operating temperature -40 to +85 °C
- Tape & reel packaged 750/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

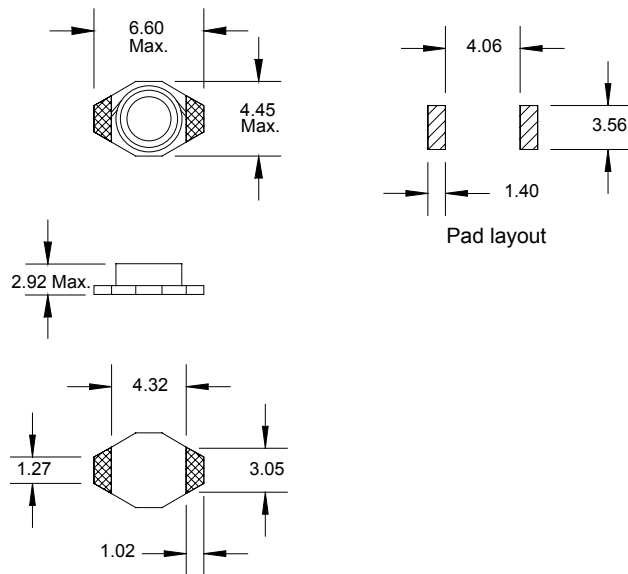
Notes

* Rms current to cause 30 °C temperature rise

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

PM1608S Series					
Part Number	L (μH) ± 20 %	DCR (Ω) Max.	SRF (MHz) Typ.	I _{rms} * (A)	Bourns Equivalent
PM1608S-1R0M-RC	1.0	0.04	250	3.0	
PM1608S-1R5M-RC	1.5	0.04	5 125	2.8	
PM1608S-2R2M-RC	2.2	0.05	120	1.8	
PM1608S-3R3M-RC	3.3	0.055	120	1.6	
PM1608S-4R7M-RC	4.7	0.06	105	1.4	
PM1608S-6R8M-RC	6.8	0.065	50	1.2	
PM1608S-100M-RC	10	0.075	38	1.0	
PM1608S-150M-RC	15	0.09	33	0.8	
PM1608S-220M-RC	22	0.11	25	0.7	
PM1608S-330M-RC	33	0.19	20	0.6	
PM1608S-470M-RC	47	0.23	20	0.5	
PM1608S-680M-RC	68	0.29	15	0.4	
PM1608S-101M-RC	100	0.48	10	0.3	SRR6603
PM1608S-151M-RC	150	0.59	9	0.26	
PM1608S-221M-RC	220	0.77	6	0.22	
PM1608S-331M-RC	330	1.4	5	0.2	
PM1608S-471M-RC	470	1.8	4	0.19	
PM1608S-681M-RC	680	2.2	3	0.18	
PM1608S-102M-RC	1000	3.4	2	0.15	
PM1608S-152M-RC	1500	4.2	2	0.12	
PM1608S-222M-RC	2200	8.5	2	0.1	
PM1608S-332M-RC	3300	11.0	1	0.08	
PM1608S-472M-RC	4700	13.9	1	0.06	
PM1608S-682M-RC	6800	25.0	1	0.04	
PM1608S-103M-RC	10,000	32.8	0.8	0.02	

“-RC” suffix indicates RoHS compliance.



Dimensions: mm