

Shielded, SMT High Current Power Chokes

Special Features

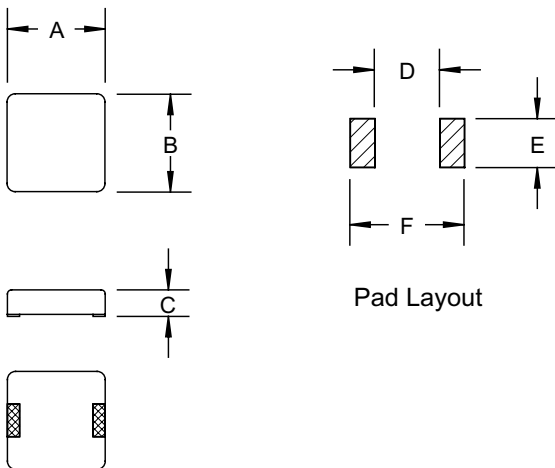
- Magnetically shielded for low radiation
- High saturation current
- Low DC resistance
- Low profile
- High temperature application environment
- Operating temperature -40 to +150°C
- Rated DC current to cause 50°C temperature rise
- Maximum DC current to cause 100°C temperature rise
- Test frequency 100KHz
- Tape and reel packaging

Typical Applications

- Ideal for very high current DC/DC converter output chokes
- High current DC/DC converter used with low voltage microprocessor controllers
- High-density, tight-board space designs
- High-speed notebook computers
- Video game machines
- Low-profile/high-current power supplies

PM12639S/PM12645S/PM7232S						
Part Number	L (uH) ± 20%	DCR (Ω) Max.	I, Rated (A)	L (uH) ± 20% @ I, Rated	I, Max. (A)	L (uH) ± 20% @ I, Max.
PM12639S-R67M	0.67	0.0015	22	0.58	30	0.54
PM12639S-1R2M	1.2	0.0029	16	1.05	22	0.98
PM12645S-1R2M	1.2	0.0020	20	1.0	27	0.92
PM12645S-1R8M	1.8	0.0035	13	1.55	20	1.42
PM12645S-2R7M	2.7	0.0043	12	2.3	18	2.15
PM7232S-R11M	0.11	0.0017	13	0.10	20	0.09
PM7232S-R25M	0.25	0.0021	11	0.22	16	0.20

Dimensions (mm), Tolerance: ± 0.3 mm							
Series Number	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. F	Reel Size
PM12639S	12.6	12.6	3.9	5.0	6.5	13.0	800
PM12645S	12.6	12.6	4.5	5.0	6.5	13.0	800
PM7232S	7.2	6.6	3.2	2.5	4.0	7.5	1500



J.W. Miller
M A G N E T I C S

306 E. Alondra Blvd., Gardena, CA 90247-1059 • (310) 515-1720 • FAX (310) 515-1962

www.jwmiller.com