

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

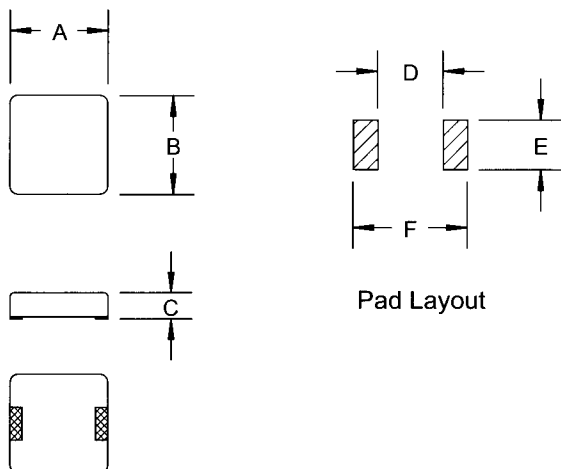
- Ideal for very high current DC/DC converter output chokes
- High current DC/DC converter used with low voltage microprocessor controllers
- High-density, tight-board space designs
- High-speed notebook computers
- Video game machines
- Low-profile/high-current power supplies

PM12639S/PM12645S/PM7232S

Part Number	L (uH) ± 20%	DCR (Ω) Max.	I, Rated (A)	L (uH) ± 20%	I, Max. (A)	L (uH) ± 20%
				@ I, Rated		@ 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
MAGNETICS

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

www.jwmiller.com