

# Shielded, SMT High Current Power Chokes

## Special Features

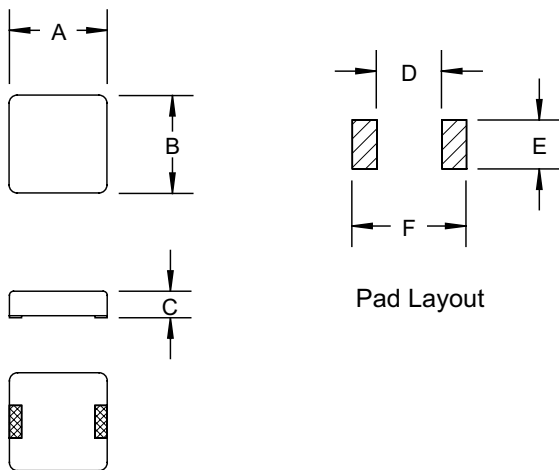
- Magnetically shielded for low radiation
- High saturation current
- Low DC resistance
- Low profile
- High temperature application environment
- Operating temperature -40 to +150°C
- Rated DC current to cause 50°C temperature rise
- Maximum DC current to cause 100°C temperature rise
- Test frequency 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)	
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-R10M	0.10	0.0009	22	0.09	32	0.08
PM7232S-R22M	0.22	0.0014	17	0.20	28	0.19
PM7232S-R47M	0.47	0.0030	15	0.37	25	0.30
PM7232S-R72M	0.72	0.0080	12.5	0.60	22	0.44
PM7232S-1R0M	1.0	0.0084	10	0.85	15	0.72
PM7232S-1R5M	1.5	0.0095	9	1.1	14	1.0

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



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