

Shielded, SMT Power Inductors

Special Features

- High current capacity
- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power application
- Compact size
- Large terminal surface for good PCB bonding
- Operating temperature -30 to +100°C
- Tape & reel packaged 500/reel

Notes

- * Current to cause maximum 25% of inductance drop, or 40°C temperature rise

PM125S Series					
Part Number	L (uH) ±20%	Test Freq.	SRF (MHz) Typ.	DCR (Ω) Max.	I, DC* (A)
PM125S-100M	10	2.52 MHz	24	0.05	2.65
PM125S-120M	12	2.52 MHz	21	0.05	2.50
PM125S-150M	15	2.52 MHz	19	0.06	2.45
PM125S-180M	18	2.52 MHz	16	0.06	2.40
-15%, +20%					
PM125S-220M	22	2.52 MHz	15	0.07	2.20
PM125S-270M	27	2.52 MHz	14	0.08	2.00
PM125S-330M	33	2.52 MHz	13	0.10	1.80
PM125S-390M	39	2.52 MHz	12	0.11	1.65
PM125S-470M	47	2.52 MHz	10	0.12	1.50
PM125S-560M	56	2.52 MHz	9	0.15	1.38
PM125S-680M	68	2.52 MHz	9	0.17	1.26
PM125S-820M	82	2.52 MHz	8	0.20	1.14
PM125S-101M	100	1 KHz	7	0.25	1.05
PM125S-121M	120	1 KHz	6	0.28	0.95
PM125S-151M	150	1 KHz	6	0.40	0.85
PM125S-181M	180	1 KHz	5	0.48	0.77
PM125S-221M	220	1 KHz	5	0.52	0.70
PM125S-271M	270	1 KHz	4	0.70	0.63
PM125S-331M	330	1 KHz	4	0.80	0.57
PM125S-391M	390	1 KHz	4	1.08	0.52
PM125S-471M	470	1 KHz	3	1.20	0.48
PM125S-561M	560	1 KHz	3	1.34	0.44
PM125S-681M	680	1 KHz	3	1.78	0.40
PM125S-821M	820	1 KHz	2	2.00	0.36

Also available as RoHS compliant.

11.6

12.6

5.4

9.0

R 1.0

2.1

10.0

2.5

12.5

9.5

Dimensions: mm
Tolerance: -/+0.5

Pad Layout

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

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

www.jwmiller.com