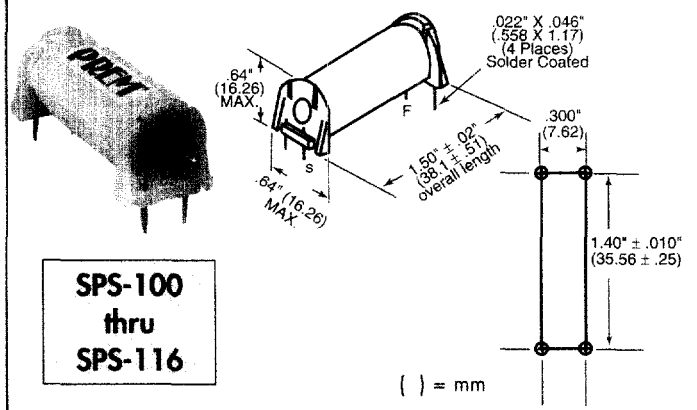


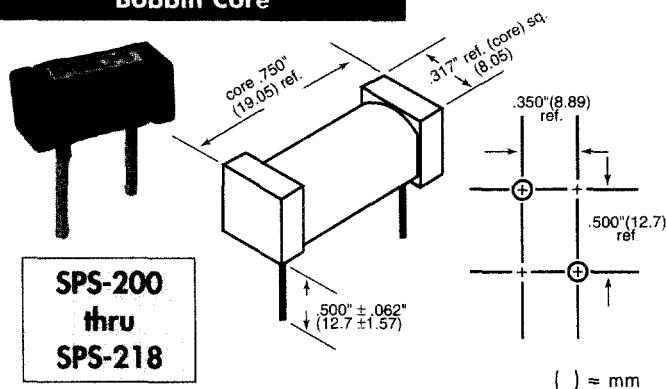
Inductors

Prem Magnetics, Inc. • 3521 North Chapel Hill Road • McHenry, IL 60050 • Tel: 815-385-2700 • Fax: 815-385-8578 • E-Mail: sales@premmag.com • Website: <http://www.premmag.com>

Slug Core PC Mounting

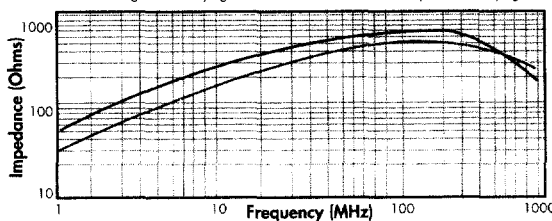
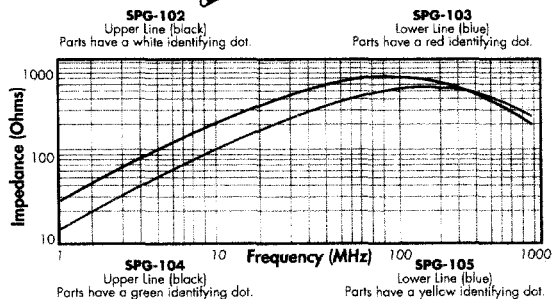
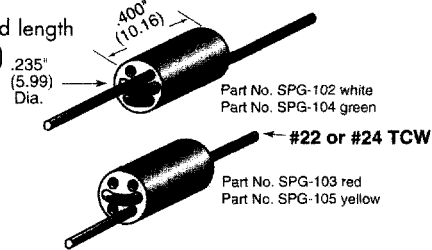


Bobbin Core



Wide Band Shield Bead Ferrite Chokes

Nominal lead length
1.00" (25.4)



SPS-100 Series (110pHY - 100mHY)

Part No.	Inductance	DC AMPS	NOM DCR
SPS-100	110 μ HY	4.9	.055
SPS-101	140 μ HY	4.3	.075
SPS-102	300 μ HY	3.0	.143
SPS-103	420 μ HY	2.5	.210
SPS-104	600 μ HY	2.1	.310
SPS-105	1.0 mH	1.6	.500
SPS-106	1.3 mH	1.35	.700
SPS-107	1.9 mH	1.2	.900
SPS-108	3.0 mH	.96	1.40
SPS-109	5.0 mH	.75	2.35
SPS-110	8.0 mH	.59	3.70
SPS-111	10.0 mH	.52	5.20
SPS-112	18.0 mH	.39	8.70
SPS-113	28.0 mH	.31	13.7
SPS-114	45.0 mH	.25	22.0
SPS-115	60.0 mH	.21	31.0
SPS-116	100.0 mH	.16	52.0

SPS-200 Series (1.5pHY - 1.0mHY)

Part No.	Inductance	DC AMPS	NOM DCR	Lead Size (in.)
SPS-200	1.5 μ HY	12.0	.003	.065
SPS-201	2.0 μ HY	10.0	.004	.057
SPS-202	3.0 μ HY	8.5	.005	.051
SPS-203	3.5 μ HY	7.0	.006	.045
SPS-204	4.2 μ HY	5.5	.007	.040
SPS-205	10.0 μ HY	4.3	.011	.036
SPS-206	20.0 μ HY	4.3	.017	.036
SPS-207	28.0 μ HY	3.4	.024	.032
SPS-208	34.0 μ HY	2.6	.031	.032
SPS-209	50.0 μ HY	2.1	.046	.032
SPS-210	100.0 μ HY	2.1	.069	.032
SPS-211	125.0 μ HY	1.7	.090	.032
SPS-212	160.0 μ HY	1.35	.124	.032
SPS-213	250.0 μ HY	1.0	.189	.032
SPS-214	350.0 μ HY	1.0	.235	.032
SPS-215	500.0 μ HY	.85	.392	.032
SPS-216	600.0 μ HY	.67	.453	.032
SPS-217	750.0 μ HY	.53	.641	.032
SPS-218	1.0 mH	.42	.890	.032

* Prem offers a complete line of shield bead chokes for use in attenuating EMI and other unwanted signals in a circuit without contributing to power losses at lower frequencies or DC. Impedances from 10 to 600 OHMS are available over frequency ranges from 1 MHz to 500 MHz.

**Call Us Anytime
for Technical Assistance!**

**BUY PREM DIRECT
(815) 385-2700**

Fax: (815) 385-8578

E-Mail: sales@premmag.com

Visit our Website:

<http://www.premmag.com>