

Shielded, SMT Power Inductors

Special Features

- Magnetic shielded for low radiation
- Ferrite bobbin core
- Low core loss for high frequency power applications
- Low profile, compact size
- Operating temperature -40 to +100 °C
- Tape & reel packaged 1000/reel

Typical Applications

- Desktop, notebook computers, servers
- Network hubs, bridges, routers
- xDSL, PBX base stations
- GPS systems
- PDAs, MP3 players, digital cameras
- Digital TVs, DVDs, cable modems, DSS set-top boxes
- Battery chargers
- High frequency wireless communication devices
- Electronic game devices

Notes

- * Rated current to cause max. 20 % of inductance drop and 40 °C temperature rise

PM74SH Series				
Part Number	L (μH) ±20 % @ 1 KHz	DCR (Ω) Max.	I* (A)	Bourns Equivalent
PM74SH-2R7M	2.7	0.027	2.78	SRR7045
PM74SH-3R9M	3.9	0.028	2.71	
PM74SH-4R7M	4.7	0.030	2.64	
PM74SH-5R6M	5.6	0.036	2.38	
PM74SH-6R3M	6.3	0.038	2.33	
PM74SH-100M	10	0.045	2.14	
PM74SH-120M	12	0.060	1.86	
PM74SH-150M	15	0.075	1.66	
PM74SH-180M	18	0.089	1.52	
PM74SH-220M	22	0.11	1.40	
PM74SH-270M	27	0.14	1.23	
PM74SH-330M	33	0.14	1.22	
PM74SH-390M	39	0.17	1.11	
PM74SH-470M	47	0.18	1.08	
PM74SH-560M	56	0.24	0.93	
PM74SH-680M	68	0.27	0.87	
PM74SH-820M	82	0.32	0.81	
PM74SH-101M	100	0.43	0.69	
PM74SH-121M	120	0.47	0.66	
PM74SH-151M	150	0.54	0.62	
PM74SH-181M	180	0.69	0.54	
PM74SH-221M	220	0.96	0.46	
PM74SH-271M	270	1.08	0.44	
PM74SH-331M	330	1.32	0.39	
PM74SH-391M	390	1.63	0.36	
PM74SH-471M	470	1.85	0.33	
PM74SH-561M	560	2.17	0.31	
PM74SH-681M	680	2.90	0.27	
PM74SH-821M	820	3.55	0.24	
PM74SH-102M	1000	4.74	0.21	

For RoHS compliant version, add "-RC" to part number.

