MAGNETIC SHIELDED SURFACE-MOUNT POWER INDUCTORS

SDRH0704 SERIES



FEATURES:

- Shiedlded Structure
- Flat-top for pick and place
- Low Resistance Allow high Current
- Excellent Thermal Stability
- Low profile

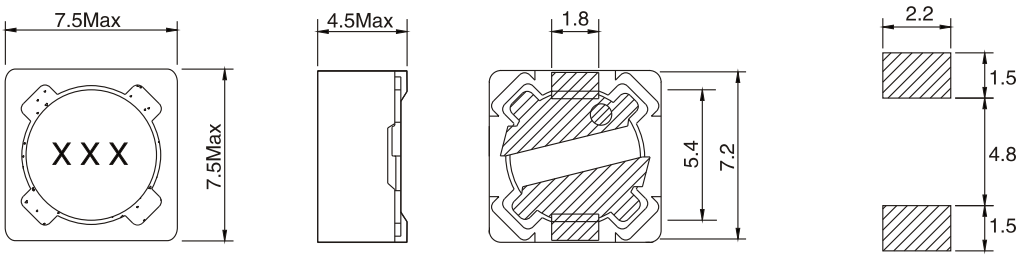
APPLCATIONS:

- Ideal for a variety of DC-DC converter Inductors Applications.
- DC/DC converter
- Power supplies for porttable communication equipment
- LCD,TV,PDA,PDP
- Notebook computer

Part Number	Marking	Inductance L(μH) @10KHz,0.1V	DCR(Ω)	IDC(A)
SDRH0704-100□	100	10	0.056	1.84
SDRH0704-120□	120	12	0.06	1.71
SDRH0704-150□	150	15	0.085	1.47
SDRH0704-180□	180	18	0.10	1.31
SDRH0704-220□	220	22	0.11	1.23
SDRH0704-270□	270	27	0.18	1.12
SDRH0704-330□	330	33	0.25	0.96
SDRH0704-390□	390	39	0.26	0.91
SDRH0704-470□	470	47	0.28	0.88
SDRH0704-560□	560	56	0.40	0.75
SDRH0704-680□	680	68	0.43	0.69
SDRH0704-820□	820	82	0.61	0.61
SDRH0704-101□	101	100	0.66	0.60
SDRH0704-121□	121	120	0.88	0.52
SDRH0704-151□	151	150	0.98	0.46
SDRH0704-181□	181	180	1.17	0.42
SDRH0704-221□	221	220	1.86	0.36
SDRH0704-271□	271	270	2.85	0.34
SDRH0704-331□	331	330	3.01	0.32
SDRH0704-391□	391	390	3.62	0.29
SDRH0704-471□	471	470	4.63	0.26
SDRH0704-561□	561	560	5.20	0.23
SDRH0704-681□	681	680	6.00	0.22
SDRH0704-821□	821	820	6.00	0.20
SDRH0704-102□	102	1000	6.00	0.18

□ K=10%,M=20%

PHYSICAL CHARACTERISTICS:



Test Equipment and Conditions

◆Inductance is measured with HP-4284A LCR meter or equivalent.
◆Maximum allowable DC current is that which causes a 25% inductance reduction of the initial value, or coil temerature to rise by 40℃,whichever is smaller.(Reference ambient temperature 20℃)
◆Operating temperature:-25℃~+85℃.