



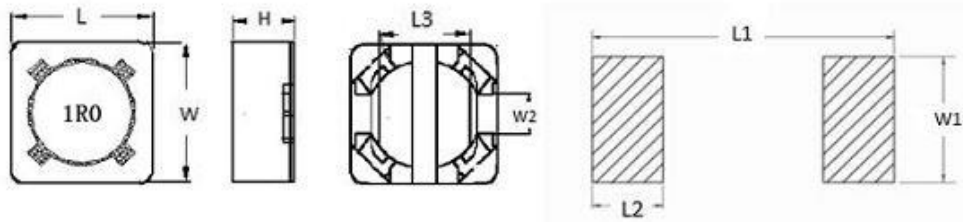
Features:

ROHS, Halogen free and REACH Compliance
 Magnetic shielded surface mount inductor
 High current rating, low DC resistance

Application:

AP Routers, STBs and LCD TVs.
 Monitors, Game consoles and LED lightings
 Notebook computer, DC - DC converters, etc

Shape and Dimension:



Part Number	Dimensions (mm)							
	L	W	H	L1	L2	L3	W1	W2
SMRH73	7.3±0.3	7.3±0.3	3.8MAX	8.0	1.8	4.7REF	2.6	1.8±0.5
SMRH74	7.3±0.3	7.3±0.3	4.5MAX	8.0	1.8	4.7REF	2.6	1.8±0.5

Specifications of SMRH73 type:

Part Number	Inductance (uH)	Tolerance	Test Frequency (KHz/V)	SRF(MHz)	DCR Max(Ω)	I _{rms} (A) 40°C	I _{sat} (A)
SMRH73-100□	10	K、M、N	1/0.25	28	0.072	1.68	2.7
SMRH73-120□	12			24	0.098	1.52	2.5
SMRH73-150□	15			21	0.13	1.33	2.2
SMRH73-180□	18			19	0.14	1.2	2.0
SMRH73-220□	22			16.5	0.19	1.07	1.8
SMRH73-270□	27			14.0	0.21	0.96	1.6
SMRH73-330□	33			12.0	0.24	0.91	1.4
SMRH73-390□	39			11.0	0.32	0.77	1.3
SMRH73-470□	47			10.0	0.36	0.76	1.2
SMRH73-560□	56			9.4	0.47	0.68	1.0
SMRH73-680□	68			8.3	0.52	0.61	0.92
SMRH73-820□	82			7.2	0.69	0.57	0.83
SMRH73-101□	100			6.5	0.79	0.5	0.75
SMRH73-121□	120			5.0	0.89	0.49	0.66
SMRH73-151□	150			4.3	1.27	0.43	0.6
SMRH73-181□	180			3.9	1.45	0.39	0.56
SMRH73-221□	220			3.6	1.65	0.35	0.53
SMRH73-271□	270			3.3	2.31	0.32	0.5
SMRH73-331□	330			3.0	2.62	0.28	0.45
SMRH73-391□	390			2.8	2.94	0.26	0.42
SMRH73-471□	470	K、M、N	1/0.25	2.6	4.18	0.24	0.39
SMRH73-561□	560			2.5	4.67	0.22	0.36
SMRH73-681□	680			2.3	5.73	0.19	0.34
SMRH73-821□	820			2.2	6.54	0.18	0.32
SMRH73-102□	1000			2.0	6.00	0.18	0.27

Tolerance: K: ±10%、M: ±20%、N: ±30%;

1. Operating temperature range -40 -125°C
2. I_{sat} for idncutance drop 30% from its value without current

Specifications of SMRH74 type:

Part Number	Inductance (uH)	Tolerance	Test Frequency (KHz/V)	SRF(MHz)	DCR Max(Ω)	I _{rms} (A) 40°C	I _{sat} (A)
SMRH74-100□	10	K、M、N	1/0.25	22	0.075	1.84	2.9
SMRH74-120□	12			20	0.100	1.71	2.6
SMRH74-150□	15			18	0.105	1.47	2.3
SMRH74-180□	18			15	0.120	1.31	2.2
SMRH74-220□	22			13.5	0.150	1.23	2.0
SMRH74-270□	27			12.0	0.180	1.12	1.8
SMRH74-330□	33			11.0	0.200	0.96	1.6
SMRH74-390□	39			10.0	0.230	0.91	1.4
SMRH74-470□	47			9.5	0.300	0.88	1.3
SMRH74-560□	56			8.7	0.350	0.75	1.2
SMRH74-680□	68			7.3	0.380	0.69	1.0
SMRH74-820□	82			6.2	0.500	0.61	0.9
SMRH74-101□	100			5.5	0.610	0.6	0.8
SMRH74-121□	120			4.5	0.660	0.52	0.7
SMRH74-151□	150			4.0	0.880	0.46	0.65
SMRH74-181□	180			3.8	1.10	0.42	0.62
SMRH74-221□	220			3.5	1.45	0.36	0.59
SMRH74-271□	270			3.3	2.00	0.34	0.55
SMRH74-331□	330			3.0	1.86	0.32	0.49
SMRH74-391□	390			2.8	2.85	0.29	0.47
SMRH74-471□	470	K、M、N	1/0.25	2.6	3.01	0.26	0.43
SMRH74-561□	560			2.5	3.62	0.23	0.38
SMRH74-681□	680			2.3	4.63	0.22	0.36
SMRH74-821□	820			2.2	5.20	0.20	0.33
SMRH74-102□	1000			2.0	6.00	0.18	0.29

Tolerance: K: ±10%、M: ±20%、N: ±30%;

1. Operating temperature range -40 -125°C
2. I_{sat} for idncutance drop 30% from its value without current