Shielded Power Inductors-LSS Series

Standard Specifications

Stamp	Induc-tance (μH)	D.C.R (mΩ) Max.								Rated Current (A) Max.							
		LSS 6203	LSS 6205	LSS 7334	LSS 7445	LSS 104R	LSS 1245	LSS 1260	LSS 1280	LSS 6203	LSS 6205	LSS 7334	LSS 7445	LSS 104R	LSS 1245	LSS 1260	LSS 1280
2R2	2.2																2.00
2R7	2.7																
3R0	3.0																
3R3	3.3	100								1.00							
3R9	3.9						100							2.00			
4R7	4.7	100					100		100	1.00					2.00		2.00
5R0	5.0																
5R6	5.6																
6R2	6.2								100								2.00
6R3	6.3																
6R8	6.8	100					100			1.00					2.00		
8R2	8.2	100								1.00							
100	10	150	120	100	100	100	100	100	100	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00
120	12	200	130	100	100		100	100	100	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00
150	15	230	180	130	100	100	100	100	100	0.90	1.00	1.00	1.00	2.00	2.00	2.00	2.00
180	18	270	240	140	100		100	100	100	0.80	1.00	1.00	1.00	2.00	2.00	2.00	2.00
220	22	340	270	190	110	100	100	100	100	0.74	0.91	1.00	1.00	2.00	2.00	2.00	2.00
270	27	380	300	210	150		100	100	100	0.66	0.82	0.96	1.00	2.00	2.00	2.00	2.00
330	33	450	330	240	170	100	100	100	100	0.59	0.74	0.91	0.96	2.00	2.00	2.00	2.00
390	39	490	370	320	230		132	100	100	0.54	0.69	0.77	0.91	2.00	2.00	2.00	2.00
470	47	690	520	360	260	128	150	100	100	0.50	0.62	0.76	0.88	2.00	1.00	1.00	2.00
560	56	780	560	470	350		190	110	110	0.46	0.58	0.68	0.75		1.00	1.00	2.00
680	68	1070	630	520	380	213	220	120	140	0.42	0.51	0.61	0.69	1.00	1.00	1.00	2.00
820	82	1210	710	690	430		260	140	160	0.38	0.46	0.57	0.61		1.00	1.00	1.00
101	100	1390	1030	790	610	304	308	160	220	0.34	0.42	0.50	0.60	1.00	1.00	1.00	1.00
121	120	1900	1150	890	660		380	170	250	0.31	0.38	0.49	0.52		1.00	1.00	1.00
151	150	2180	1680	1270	880	506	530	230	280	0.28	0.35	0.43	0.46	1.00	0.95	1.00	1.00
181	180	2770	1870	1450	980		620	290	350	0.26	0.32	0.39	0.42		0.85	0.90	1.00
221	220	3120	2080	1650	1170	756	700	400	390	0.23	0.29	0.35	0.36	0.92	0.80	0.80	1.00
271	270	4380	2370	2310	1640		876	460	560	0.22	0.26	0.32	0.34		0.60	0.75	1.00
331	330	4940	2670	2620	1860	1.09	990	510	640	0.19	0.23	0.28	0.32	0.70	0.50	0.68	0.95
391	390		2940	2940	2850			690	700		0.22	0.26	0.29			0.65	0.88
471	470		3930	4180	3010			770	980		0.20	0.24	0.26			0.58	0.79
561	560		5430	4670	3620			860	1070		0.18	0.22	0.23			0.54	0.73
681	680		7320	5730	4630			1200	1460		0.17	0.19	0.22			0.48	0.67
821	820		8240	6540	5200			1340	1640		0.15	0.18	0.20			0.43	0.60
102	1000		9260	9440	6000			1530	1820		0.14	0.16	0.18			0.40	0.55

- Test Freq.(L): 3D16: (100KHz/0.1V),LSS4D18: 1.0~8.2μH(7.96MHz/1V),10~39μH(100MHz/1V), LSS2D11/2D14/2D18/4D28/104R/124(100MHz/1V), LSS3D12/6D38: (10KHz/0.1V), LSS6203:3.3~8.2μH (7.96MHz/1V),10~82μH(2.52MHz/1V), 100~300μH(1KHz/1V), LSS6205/7334/7445/125: (1KHz/1V), LSS127: 1.2~7.6μH(100KHz/1V),10~1000μH(1KHz/1V)
- LSS3D12 Rated current: It makes rated current either when the value with 30% declining inductance or the generation of heat becomes 30% near value by the rising one above another of the direct current.
- Other type Rated current: The rated current indicates the current when the inductance decreases to 65%.Over of it's nominal value or D.C.current when the temperature rising △t=40℃ lower, whichever is lower.
- Test Instrument: L: HP4192A LF IMPEDANCE ANALYZER
  RDC: CHEN HWA 502BC
  Rated current: HP4284+42841A or CH1061+CH301A