

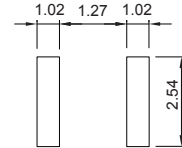
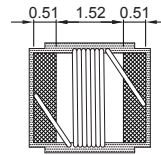
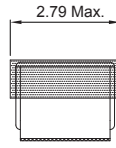
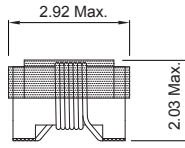
1008F Series

■ SMD Wire Wound Ferrite Chip Inductors

MECHANICAL DIMENSIONS



1008F



Recommended Patterns

unit: mm

ELECTRICAL SPECIFICATION

Part Number	Inductance (μH)	Inductance Tolerance	Test Freq. (MHz)	Q Min.	Test Freq. (MHz)	SRF (GHz) Min.	DCR (Ω) Max.	I _{rms} (mA)	Color Code		
									1st	2nd	multiplier
1008F-47N□-LRH	0.047	K, J	50	50	50	1.80	0.045	650	YELLOW	VIOLET	BLACK
1008F-68N□-LRH	0.068	K, J	50	40	50	1.80	0.045	650	BLUE	GRAY	BLACK
1008F-R10□-LRH	0.100	K, J	50	50	50	1.80	0.196	700	BROWN	BLACK	BROWN
1008F-R18□-LRH	0.180	K, J	50	50	50	1.00	0.290	700	BROWN	GRAY	BROWN
1008F-R20□-LRH	0.200	K, J	50	50	50	0.900	0.285	700	RED	BLACK	BROWN
1008F-R24□-LRH	0.240	K, J	50	50	50	0.900	0.135	700	RED	YELLOW	BROWN
1008F-R56□-LRH	0.560	K, J	7.9	40	50	0.460	0.300	700	GREEN	BLUE	BROWN
1008F-R68□-LRH	0.680	K, J	7.9	27	50	0.400	0.320	700	BLUE	GRAY	BROWN
1008F-1R0□-LRH	1.00	K, J	50	50	50	0.380	0.260	650	BROWN	BLACK	RED
1008F-1R2□-LRH	1.20	K, J	7.9	48	50	0.210	0.680	650	BROWN	RED	RED
1008F-1R5□-LRH	1.50	K, J	7.9	41	50	0.190	0.760	630	BROWN	GREEN	RED
1008F-1R8□-LRH	1.80	K, J	7.9	39	50	0.170	0.840	600	BROWN	GRAY	RED
1008F-2R2□-LRH	2.20	K, J	7.9	34	50	0.150	1.10	520	RED	RED	RED
1008F-2R7□-LRH	2.70	K, J	7.9	34	50	0.135	1.28	490	RED	VIOLET	RED
1008F-3R3□-LRH	3.30	K, J	7.9	32	50	0.120	1.46	450	ORANGE	ORANGE	RED
1008F-3R9□-LRH	3.90	K, J	7.9	32	7.9	0.105	1.56	420	ORANGE	WHITE	RED
1008F-4R3□-LRH	4.30	K, J	7.9	30	7.9	0.085	1.70	400	YELLOW	ORANGE	RED
1008F-4R7□-LRH	4.70	K, J	7.9	31	7.9	0.090	1.68	400	YELLOW	VIOLET	RED
1008F-5R6□-LRH	5.60	K, J	7.9	31	7.9	0.080	1.82	380	GREEN	BLUE	RED
1008F-6R8□-LRH	6.80	K, J	7.9	31	7.9	0.070	2.00	360	BLUE	GRAY	RED
1008F-8R2□-LRH	8.20	K, J	7.9	23	7.9	0.065	2.65	330	GRAY	RED	RED
1008F-100□-LRH	10.0	K, J	7.9	31	7.9	0.060	2.95	300	BROWN	BLACK	ORANGE
1008F-120□-LRH	12.0	K, J	7.9	30	7.9	0.050	3.35	270	BROWN	RED	ORANGE
1008F-150□-LRH	15.0	K, J	7.9	38	7.9	0.050	3.04	250	BROWN	GREEN	ORANGE
1008F-220□-LRH	22.0	K, J	2.52	10	2.52	0.010	2.80	125	RED	RED	ORANGE

- Tolerance: K=±10% ; J=±5%
- Operating Temp: -40°C to +85°C
- For 15°C Temperature Rise.
- Inductance & Q measured using the HP4291B.
- SRF measured using the HP8753E or HP8720D.
- DCR measured using the 16502 milli-ohm meter.
- Unspecified values available on request.

CHARACTERISTIC CURVE

1008F Series

