

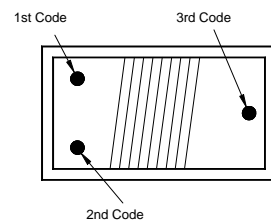
SMD Wire Wound Ferrite Chip Inductors – 1008LSF Series



CHONG YUE CO., LTD.

Part Number	Inductance (μ H)	Tolerance (\pm %)	Q Min	SRF (MHz) Min	Rdc (Ω) Max	Idc (mA) Max	Color Coding		
							1st	2nd	3rd
1008LSF-R18□	0.18 /25MHz	J / K	30 /25MHz	930	0.30	960	Brown	Gray	Brown
1008LSF-R22□	0.22 /25MHz	J / K	27 /25MHz	750	0.40	880	Red	Red	Brown
1008LSF-R33□	0.33 /25MHz	J / K	30 /25MHz	600	0.42	900	Orange	Orange	Brown
1008LSF-R39□	0.39 /25MHz	J / K	30 /25MHz	480	0.45	920	Orange	White	Brown
1008LSF-R56□	0.56 /25MHz	J / K	30 /25MHz	460	0.55	900	Green	Blue	Brown
1008LSF-R68□	0.68 /25MHz	J / K	30 /25MHz	420	0.55	880	Blue	Gray	Brown
1008LSF-R82□	0.82 /25MHz	J / K	30 /25MHz	380	0.65	840	Gray	Red	Brown
1008LSF-1R0□	1.0 /7.9MHz	J / K	25 /7.9MHz	300	0.60	800	Brown	Black	Red
1008LSF-1R2□	1.2 /7.9MHz	J / K	25 /7.9MHz	280	0.74	800	Brown	Red	Red
1008LSF-1R5□	1.5 /7.9MHz	J / K	25 /7.9MHz	245	0.85	780	Brown	Green	Red
1008LSF-1R8□	1.8 /7.9MHz	J / K	25 /7.9MHz	240	0.92	780	Brown	Gray	Red
1008LSF-2R2□	2.2 /7.9MHz	J / K	25 /7.9MHz	205	1.10	760	Red	Red	Red
1008LSF-2R7□	2.7 /7.9MHz	J / K	25 /7.9MHz	187	1.22	760	Red	Violet	Red
1008LSF-3R3□	3.3 /7.9MHz	J / K	25 /7.9MHz	165	1.37	740	Orange	Orange	Red
1008LSF-3R9□	3.9 /7.9MHz	J / K	25 /7.9MHz	144	1.66	700	Orange	White	Red
1008LSF-4R7□	4.7 /7.9MHz	J / K	25 /7.9MHz	110	1.68	660	Yellow	Violet	Red
1008LSF-5R6□	5.6 /7.9MHz	J / K	25 /7.9MHz	88	1.75	640	Green	Blue	Red
1008LSF-6R8□	6.8 /7.9MHz	J / K	25 /7.9MHz	70	1.85	640	Blue	Gray	Red
1008LSF-8R2□	8.2 /7.9MHz	J / K	25 /7.9MHz	57	2.00	600	Gray	Red	Red
1008LSF-100□	10 /2.5MHz	J / K	15 /2.5MHz	55	2.32	600	Brown	Black	Orange
1008LSF-120□	12 /2.5MHz	J / K	15 /2.5MHz	52	2.99	560	Brown	Red	Orange
1008LSF-150□	15 /2.5MHz	J / K	15 /2.5MHz	49	3.42	480	Brown	Green	Orange
1008LSF-180□	18 /2.5MHz	J / K	15 /2.5MHz	48	4.65	420	Brown	Gray	Orange
1008LSF-220□	22 /2.5MHz	J / K	15 /2.5MHz	25	5.12	420	Red	Red	Orange
1008LSF-270□	27 /2.5MHz	J / K	15 /2.5MHz	23	5.76	420	Red	Violet	Orange
1008LSF-330□	33 /2.5MHz	J / K	15 /2.5MHz	17	6.44	400	Orange	Orange	Orange
1008LSF-390□	39 /2.5MHz	J / K	15 /2.5MHz	15	6.85	380	Orange	White	Orange
1008LSF-470□	47 /2.5MHz	J / K	14 /2.5MHz	13	9.94	260	Yellow	Violet	Orange
1008LSF-560□	56 /2.5MHz	J / K	14 /2.5MHz	10	10.70	280	Green	Blue	Orange
1008LSF-680□	68 /2.5MHz	J / K	14 /2.5MHz	8	12.80	260	Blue	Gray	Orange
1008LSF-820□	82 /2.5MHz	J / K	14 /2.5MHz	8	18.30	240	Gray	Red	Orange
1008LSF-101□	100 /1MHz	J / K	8 /1MHz	7	19.60	200	Brown	Black	Yellow

- When ordering, please specify tolerance and packaging codes. Ex: 1008LSF-1R0□
- Tolerance : J = \pm 5% , K = \pm 10%
- Packaging: Clear tape and reel {standard}.
- L /Q: Agilent E4991A+ Agilent 16197A
- SRF: HP8753D/ Agilent E4991A
- RDC: Digital Milliohm Meter Chroma 16502 or equivalent.
- Idc for Inductance drop 10% from its value without current
- Operating temperature range from -25°C to 85°C

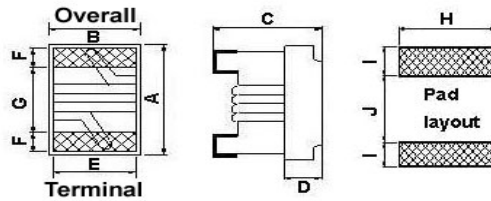


COLOR CODING

Typical **L** vs. **F**requency

Typical **Q** vs. **F**requency

Shapes & Dimensions



Dimensions

		A max	B max	C max	D ref	E	F	G	H	I	J
1008LSF	mm	2.90	2.54	2.03	1.30	2.03	0.51	1.52	2.54	1.02	1.27

Note: Parts/Reel: 2000/7" Tape Width: 8mm