

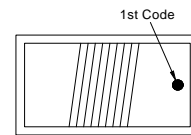
SMD Wire Wound Ferrite Chip Inductors – 0805LSF Series



CHONG YUE CO., LTD.

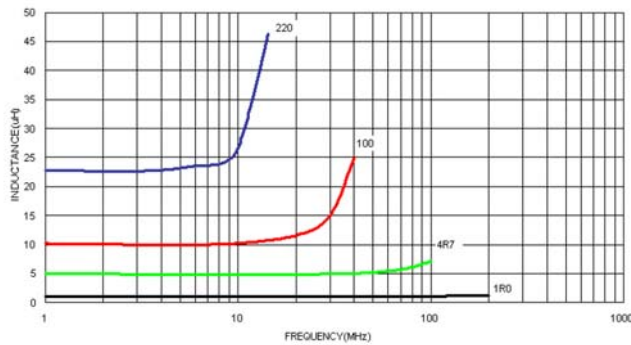
Part Number	Inductance (μ H)	Tolerance ($\pm\%$)	Q Min	SRF (MHz) Min	Rdc (Ω) Max	Idc (mA) Max	Color Coding
0805LSF-R22□	0.22 /25MHz	J / K	30 /25MHz	830	0.25	1350	Brown
0805LSF-R27□	0.27 /25MHz	J / K	30 /25MHz	800	0.38	1300	Red
0805LSF-R33□	0.33 /25MHz	J / K	30 /25MHz	750	0.35	1200	Orange
0805LSF-R47□	0.47 /25MHz	J / K	30 /25MHz	690	0.40	1100	Green
0805LSF-R56□	0.56 /25MHz	J / K	30 /25MHz	640	0.40	1040	Blue
0805LSF-1R0□	1.0 /7.9MHz	J / K	20 /7.9MHz	470	0.50	840	White
0805LSF-1R5□	1.5 /7.9MHz	J / K	25 /7.9MHz	400	1.00	720	Brown
0805LSF-1R8□	1.8 /7.9MHz	J / K	25 /7.9MHz	230	1.00	660	Red
0805LSF-2R2□	2.2 /7.9MHz	J / K	25 /7.9MHz	200	1.05	600	Orange
0805LSF-3R3□	3.3 /7.9MHz	J / K	25 /7.9MHz	160	1.26	480	Green
0805LSF-4R7□	4.7 /7.9MHz	J / K	25 /7.9MHz	120	1.87	390	Violet
0805LSF-5R6□	5.6 /7.9MHz	J / K	25 /7.9MHz	90	2.00	340	Gray
0805LSF-6R8□	6.8 /7.9MHz	J / K	25 /7.9MHz	55	2.15	300	White
0805LSF-8R2□	8.2 /7.9MHz	J / K	25 /7.9MHz	40	2.37	280	Black
0805LSF-100□	10 /2.5MHz	J / K	16 /2.5MHz	40	2.55	260	Brown
0805LSF-150□	15 /2.5MHz	J / K	16 /2.5MHz	30	3.80	200	Orange
0805LSF-220□	22 /2.5MHz	J / K	16 /2.5MHz	20	6.30	160	Green
0805LSF-330□	33 /2.5MHz	J / K	16 /2.5MHz	18	7.60	120	Violet

- When ordering, please specify tolerance and packaging codes. Ex: 0805LSF-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

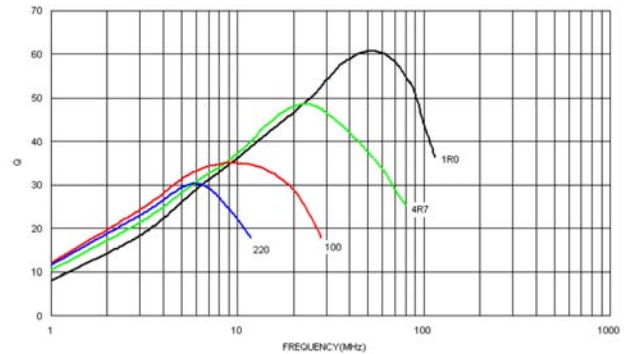


COLOR CODING

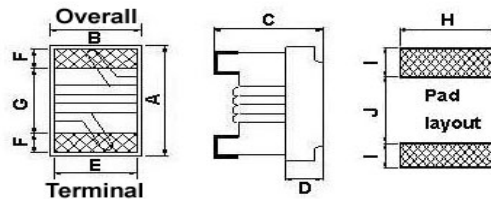
Typical L vs. Frequency



Typical Q vs. Frequency



Shapes & Dimensions



Dimensions

		A max	B max	C max	D ref	E	F	G	H	I	J
0805LSF	mm	2.40	1.65	1.30	0.65	1.27	0.50	1.00	1.78	1.02	0.76

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