

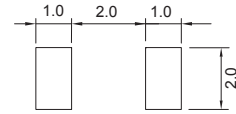
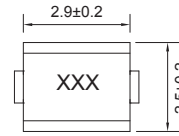
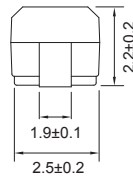
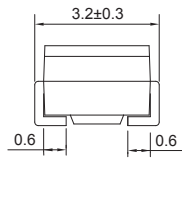
CF322522 Series

■ SMD Molded Wire Wound Ferrite Chip

MECHANICAL DIMENSIONS



CF322522



Recommended Patterns

unit: mm

ELECTRICAL SPECIFICATION

Part Number	Inductance (μH)	Inductance Tolerance	Q (min.)	Test Freq. (MHz)	DCR (Ω) Max.	SRF (MHz) Min.	Rated Current (mA) Max.
CF322522-R12 □ -LRH	0.12	M, K	30	25.2	0.22	500	450
CF322522-R15 □ -LRH	0.15	M, K	30	25.2	0.25	450	450
CF322522-R18 □ -LRH	0.18	M, K	30	25.2	0.28	400	450
CF322522-R22 □ -LRH	0.22	M, K	30	25.2	0.32	350	450
CF322522-R27 □ -LRH	0.27	M, K	30	25.2	0.36	320	450
CF322522-R33 □ -LRH	0.33	M, K	30	25.2	0.40	300	450
CF322522-R39 □ -LRH	0.39	M, K	30	25.2	0.45	250	450
CF322522-R47 □ -LRH	0.47	M, K	30	25.2	0.50	220	450
CF322522-R56 □ -LRH	0.56	M, K	30	25.2	0.55	180	450
CF322522-R68 □ -LRH	0.68	M, K	30	25.2	0.60	160	450
CF322522-R82 □ -LRH	0.82	M, K	30	25.2	0.65	140	450
CF322522-1R0 □ -LRH	1.0	M, K	30	7.96	0.70	120	400
CF322522-1R2 □ -LRH	1.2	M, K	30	7.96	0.75	100	390
CF322522-1R5 □ -LRH	1.5	M, K	30	7.96	0.85	85	370
CF322522-1R8 □ -LRH	1.8	M, K	30	7.96	0.90	80	350
CF322522-2R2 □ -LRH	2.2	M, K	30	7.96	1.00	75	320
CF322522-2R7 □ -LRH	2.7	M, K	30	7.96	1.10	70	290
CF322522-3R3 □ -LRH	3.3	K, J	30	7.96	1.20	60	260
CF322522-3R9 □ -LRH	3.9	K, J	30	7.96	1.30	55	250
CF322522-4R7 □ -LRH	4.7	K, J	30	7.96	1.50	50	220
CF322522-5R6 □ -LRH	5.6	K, J	30	7.96	1.60	47	200
CF322522-6R8 □ -LRH	6.8	K, J	30	7.96	1.80	43	180
CF322522-8R2 □ -LRH	8.2	K, J	30	7.96	2.00	40	170
CF322522-100 □ -LRH	10.0	K, J	30	2.52	2.10	36	150
CF322522-120 □ -LRH	12.0	K, J	30	2.52	2.50	33	140
CF322522-150 □ -LRH	15.0	K, J	30	2.52	2.80	28	130
CF322522-180 □ -LRH	18.0	K, J	30	2.52	3.30	25	120
CF322522-220 □ -LRH	22.0	K, J	30	2.52	3.70	23	110
CF322522-270 □ -LRH	27.0	K, J	30	2.52	5.00	18	80
CF322522-330 □ -LRH	33.0	K, J	30	2.52	5.60	17	70
CF322522-390 □ -LRH	39.0	K, J	30	2.52	6.40	16	65
CF322522-470 □ -LRH	47.0	K, J	30	2.52	7.00	15	60
CF322522-560 □ -LRH	56.0	K, J	30	2.52	8.00	13	55
CF322522-680 □ -LRH	68.0	K, J	30	2.52	9.00	12	50
CF322522-820 □ -LRH	82.0	K, J	30	2.52	10.0	11	45
CF322522-101 □ -LRH	100	K, J	20	0.796	11.0	10	40
CF322522-121 □ -LRH	120	K, J	20	0.796	12.0	10	70
CF322522-151 □ -LRH	150	K, J	20	0.796	15.0	8	65
CF322522-181 □ -LRH	180	K, J	20	0.796	17.0	7	60
CF322522-221 □ -LRH	220	K, J	20	0.796	21.0	7	50
CF322522-271 □ -LRH	270	K, J	20	0.796	28.0	6	45

- Tolerance: M=±20% ; L=±15% ; K=±10% ; J=±5%
- Operating Temperature Range: -25°C to +100°C
- Storage Temperature Range: -40°C to +100°C
- For 20°C Temperature Rise.
- Ambient temperature : 80°C Max.

- Rated Current: Current cause inductance drop within 10% from 0°C to 50°C
- Resistance to solder heat: 260°C for 10 seconds.
- Inductance & Q measured using the HP4285A.
- SRF measured using the HP8753E or HP4291B .
- DCR measured using the 16502 milli-ohm meter.

SMD

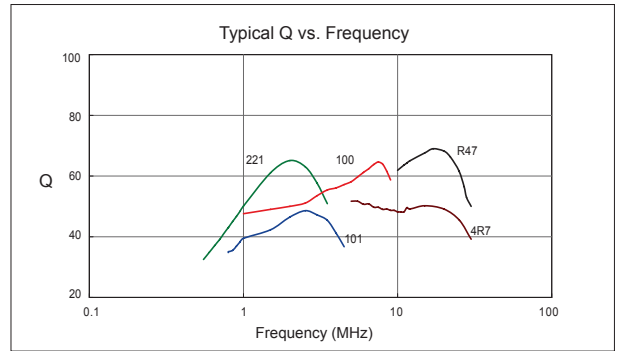
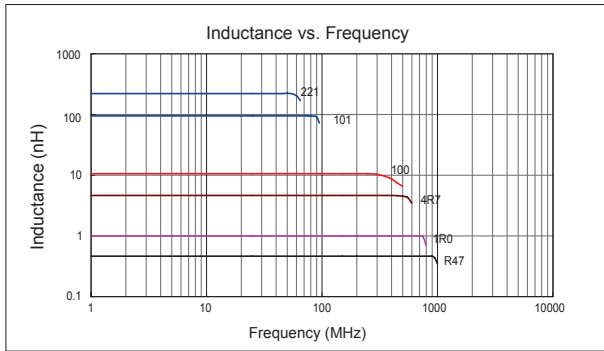
Leaded

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■ SMD Molded Wire Wound Ferrite Chip

CHARACTERISTIC CURVE

CF322522 Series



SMD

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