

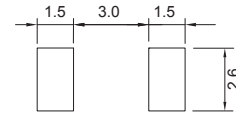
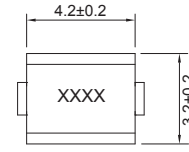
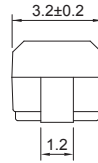
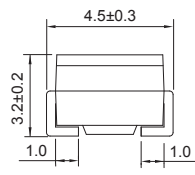
CF453232 Series

■ SMD Molded Wire Wound Ferrite Chip

MECHANICAL DIMENSIONS



CF453232



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.
CF453232-R10 □ -LRH	0.10	M, K	35	25.2	0.18	300	800
CF453232-R12 □ -LRH	0.12	M, K	35	25.2	0.20	280	770
CF453232-R15 □ -LRH	0.15	M, K	35	25.2	0.22	250	730
CF453232-R18 □ -LRH	0.18	M, K	35	25.2	0.24	220	700
CF453232-R22 □ -LRH	0.22	M, K	40	25.2	0.25	200	665
CF453232-R27 □ -LRH	0.27	M, K	40	25.2	0.26	180	635
CF453232-R33 □ -LRH	0.33	M, K	40	25.2	0.28	165	605
CF453232-R39 □ -LRH	0.39	M, K	40	25.2	0.30	150	575
CF453232-R47 □ -LRH	0.47	M, K	40	25.2	0.32	145	545
CF453232-R56 □ -LRH	0.56	M, K	40	25.2	0.36	140	520
CF453232-R68 □ -LRH	0.68	M, K	40	25.2	0.40	135	500
CF453232-R82 □ -LRH	0.82	M, K	40	25.2	0.45	130	475
CF453232-1R0 □ -LRH	1.0	K, J	50	7.96	0.50	100	450
CF453232-1R2 □ -LRH	1.2	K, J	50	7.96	0.55	80	430
CF453232-1R5 □ -LRH	1.5	K, J	50	7.96	0.60	70	410
CF453232-1R8 □ -LRH	1.8	K, J	50	7.96	0.65	60	390
CF453232-2R2 □ -LRH	2.2	K, J	50	7.96	0.70	55	380
CF453232-2R7 □ -LRH	2.7	K, J	50	7.96	0.75	50	370
CF453232-3R3 □ -LRH	3.3	K, J	50	7.96	0.80	45	355
CF453232-3R9 □ -LRH	3.9	K, J	50	7.96	0.90	40	330
CF453232-4R7 □ -LRH	4.7	K, J	50	7.96	1.00	35	315
CF453232-5R6 □ -LRH	5.6	K, J	50	7.96	1.10	33	300
CF453232-6R8 □ -LRH	6.8	K, J	50	7.96	1.20	27	285
CF453232-8R2 □ -LRH	8.2	K, J	50	7.96	1.40	25	270
CF453232-100 □ -LRH	10	K, J	50	2.52	1.60	20	250
CF453232-120 □ -LRH	12	K, J	50	2.52	2.00	18	225
CF453232-150 □ -LRH	15	K, J	50	2.52	2.50	17	200
CF453232-180 □ -LRH	18	K, J	50	2.52	2.80	15	190
CF453232-220 □ -LRH	22	K, J	50	2.52	3.20	13	180
CF453232-270 □ -LRH	27	K, J	50	2.52	3.60	12	170
CF453232-330 □ -LRH	33	K, J	50	2.52	4.00	11	160
CF453232-390 □ -LRH	39	K, J	50	2.52	4.50	10	150
CF453232-470 □ -LRH	47	K, J	50	2.52	5.00	10	140
CF453232-560 □ -LRH	56	K, J	50	2.52	5.50	9.0	135
CF453232-680 □ -LRH	68	K, J	50	2.52	6.00	9.0	130
CF453232-820 □ -LRH	82	K, J	50	2.52	7.00	8.0	120
CF453232-101 □ -LRH	100	K, J	40	0.796	8.00	8.0	110
CF453232-121 □ -LRH	120	K, J	40	0.796	8.00	6.0	110
CF453232-151 □ -LRH	150	K, J	40	0.796	9.00	5.0	105
CF453232-181 □ -LRH	180	K, J	40	0.796	9.50	5.0	102
CF453232-221 □ -LRH	220	K, J	40	0.796	10.00	4.0	100
CF453232-271 □ -LRH	270	K, J	40	0.796	12.00	4.0	92
CF453232-331 □ -LRH	330	K, J	40	0.796	14.00	3.5	85
CF453232-391 □ -LRH	390	K, J	40	0.796	18.00	3.0	80
CF453232-471 □ -LRH	470	K, J	40	0.796	26.00	3.0	62
CF453232-561 □ -LRH	560	K, J	30	0.796	30.00	3.0	50
CF453232-681 □ -LRH	680	K, J	30	0.796	30.00	3.0	50
CF453232-821 □ -LRH	820	K, J	30	0.796	35.00	2.5	30
CF453232-102 □ -LRH	1000	K, J	20	0.252	40.00	2.5	30

- Tolerance: M=±20% ; 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

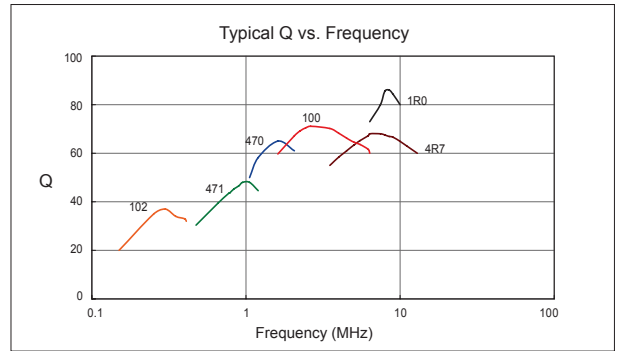
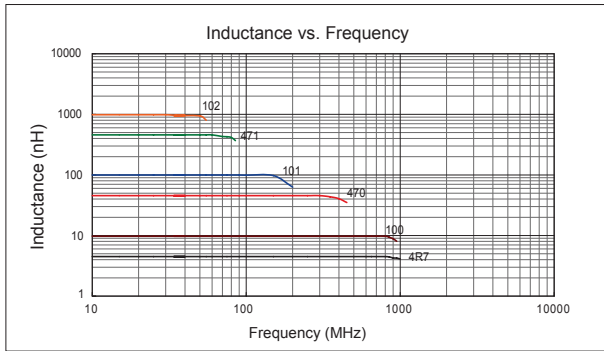
Leaded

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■ SMD Molded Wire Wound Ferrite Chip

CHARACTERISTIC CURVE

CF453232 Series



SMD

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