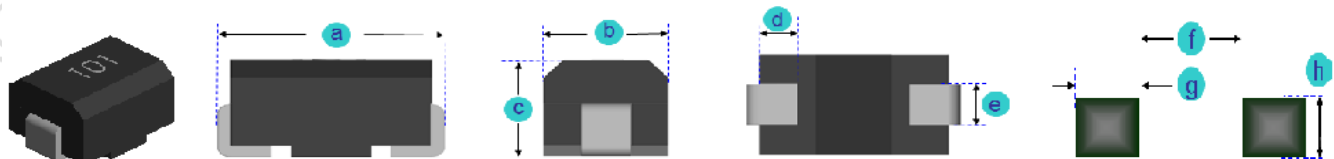


A. Electrical Specifications:

P/N	L (uH)	Tol.	Q Min.	Test Freq.(MHz)	SRF Min.(MHz)	DCR Max. (Ω)	Rated Current Max.(A)
CF453232-R10	0.10	M, K	35	25.2	300	0.18	0.800
CF453232-R12	0.12	M, K	35	25.2	280	0.20	0.770
CF453232-R15	0.15	M, K	35	25.2	250	0.22	0.730
CF453232-R18	0.18	M, K	35	25.2	220	0.24	0.700
CF453232-R22	0.22	M, K	40	25.2	200	0.25	0.665
CF453232-R27	0.27	M, K	40	25.2	180	0.26	0.635
CF453232-R33	0.33	M, K	40	25.2	165	0.28	0.605
CF453232-R39	0.39	M, K	40	25.2	150	0.30	0.575
CF453232-R47	0.47	M, K	40	25.2	145	0.32	0.545
CF453232-R56	0.56	M, K	40	25.2	140	0.36	0.520
CF453232-R68	0.68	M, K	40	25.2	135	0.40	0.500
CF453232-R82	0.82	M, K	40	25.2	130	0.45	0.475
CF453232-1R0	1.00	K, J	50	7.96	100	0.50	0.450
CF453232-1R2	1.20	K, J	50	7.96	80	0.55	0.430
CF453232-1R5	1.50	K, J	50	7.96	70	0.60	0.410
CF453232-1R8	1.80	K, J	50	7.96	60	0.65	0.390
CF453232-2R2	2.20	K, J	50	7.96	55	0.70	0.380
CF453232-2R7	2.70	K, J	50	7.96	50	0.75	0.370
CF453232-3R3	3.30	K, J	50	7.96	45	0.80	0.355
CF453232-3R9	3.90	K, J	50	7.96	40	0.90	0.330
CF453232-4R7	4.70	K, J	50	7.96	35	1.00	0.315
CF453232-5R6	5.60	K, J	50	7.96	33	1.10	0.300
CF453232-6R8	6.80	K, J	50	7.96	27	1.20	0.285
CF453232-8R2	8.20	K, J	50	7.96	25	1.40	0.270
CF453232-100	10	K, J	50	2.52	20	1.60	0.250
CF453232-120	12	K, J	50	2.52	18	2.00	0.225
CF453232-150	15	K, J	50	2.52	17	2.50	0.200
CF453232-180	18	K, J	50	2.52	15	2.80	0.190
CF453232-220	22	K, J	50	2.52	13	3.20	0.180
CF453232-270	27	K, J	50	2.52	12	3.60	0.170
CF453232-330	33	K, J	50	2.52	11	4.00	0.160
CF453232-390	39	K, J	50	2.52	10	4.50	0.150
CF453232-470	47	K, J	50	2.52	10	5.00	0.140
CF453232-560	56	K, J	50	2.52	9.0	5.50	0.135
CF453232-680	68	K, J	50	2.52	9.0	6.00	0.130
CF453232-820	82	K, J	50	2.52	8.0	7.00	0.120
CF453232-101	100	K, J	40	0.796	8.0	8.00	0.110
CF453232-121	120	K, J	40	0.796	6.0	8.00	0.110
CF453232-151	150	K, J	40	0.796	5.0	9.00	0.105
CF453232-181	180	K, J	40	0.796	5.0	9.50	0.102
CF453232-221	220	K, J	40	0.796	4.0	10.00	0.100
CF453232-271	270	K, J	40	0.796	4.0	12.00	0.092
CF453232-331	330	K, J	40	0.796	3.5	14.00	0.085
CF453232-391	390	K, J	40	0.796	3.0	18.00	0.080
CF453232-471	470	K, J	40	0.796	3.0	26.00	0.062
CF453232-561	560	K, J	30	0.796	3.0	30.00	0.050
CF453232-681	680	K, J	30	0.796	3.0	30.00	0.050
CF453232-821	820	K, J	30	0.796	2.5	35.00	0.030
CF453232-102	1000	K, J	20	0.252	2.5	40.00	0.030

B. Dimensions: mm (Inch)

Series	a	b	c	d	e	f	g	h
CF453232	4.5 (0.177)	3.2 (0.126)	3.2 (0.126)	1.0 (0.039)	1.2 (0.047)	3.0 (0.118)	1.5 (0.059)	2.6 (0.102)
Tol.	±0.3 (0.012)	±0.2 (0.008)	±0.2 (0.008)	Typ.	Typ.	Typ.	Typ.	Typ.



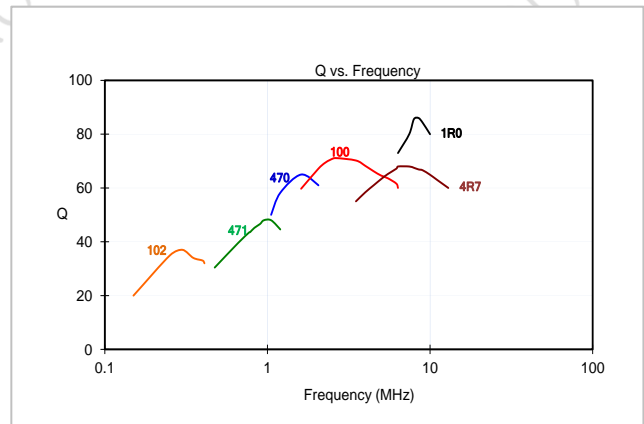
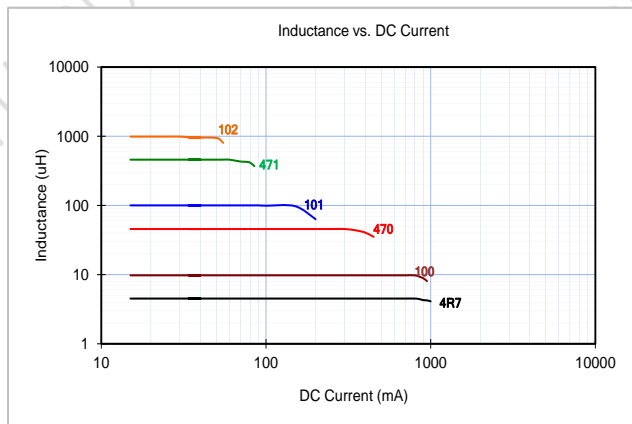
C. General Information:

1. CF453232 –xxx_, “CF453232” = P/N, “xxx” = Inductance, “_” = Tolerance.
2. Tolerance “_”: M = ± 20%, K = ± 10%, J = ± 5%.
3. Small and lightweight surface mounting type
4. High Q at high frequency
5. High self-resonance frequency
6. 20°C Temperature Rise, Ambient temperature 80°C Max.
7. Rated Current: Current cause inductance drops within 10% from 0°C to 50°C
8. Resistance to solder heat: 260°C for 10 seconds.
9. Inductance & Q measured with HP4285A Impedance Analyzer
10. SRF measured with HP4291B or HP8753E Network Analyzer
11. DCR measured with the 16502 milliohm meter.
12. Operating temperature: -25°C to +100°C
13. Storage Temperature Range: -40°C to +100°C
14. Inductance and Current Range: From 0.10 uH (0.8 A) to 1000 uH (0.030 A)
15. SRF: From 2.5 MHz to 300 MHz
16. DCR: From 0.18 OHM to 40.0 OHM
17. MSL: Level 1.

D. Applications:

1. Game Consoles
2. Set Top Boxes
3. Cables Modems
4. Computers
5. Mobile Communication Devices (Cell Phones, Radios, etc.)

E. Characteristics Curves:

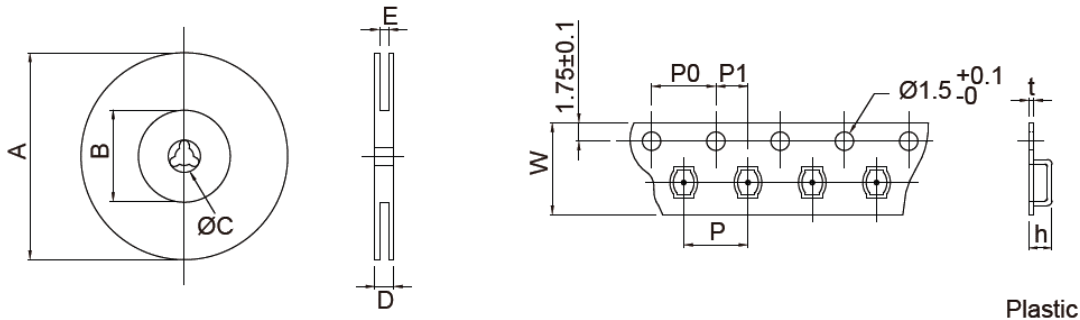


F. Supplementary Information:

1. Packaging Information

CARRIER TAPE REELS

TAPE DIMENSIONS (mm)



Series P/N	Reel dimensions (mm)					Tape dimensions (mm)						Parts per reel		Quantity per	
	A	B	C	D	E	W	P	P0	P1	h	t	7"	13"	Box	Carton
CF453232	180	50	13	18.4	12.4	12	8	4	2	3.50	0.35	500	---	2,000	12,000

2. RoHS Reflow Solder Profile

Typical RoHS Reflow Profile

