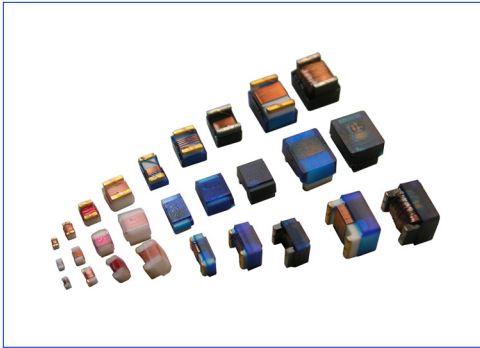


HIGH FREQUENCY CERAMIC CHIP INDUCTOR



R7X0603CW SERIES

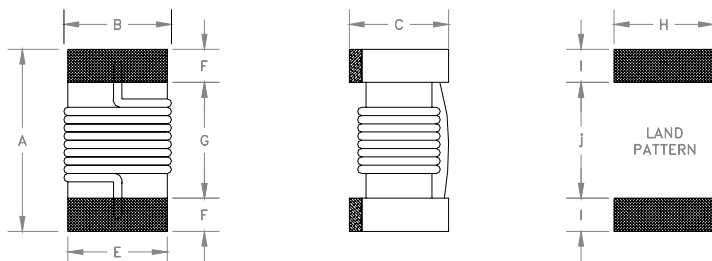


- RoHS Compliant Product
- Operating Temperature: -40°C to +105°C
- Ordering Code: R7X0603CW-XXX(F, G, J, K, M Tolerance)
- Inductance Tolerance: G = $\pm 2\%$, J = $\pm 5\%$, K = $\pm 10\%$,
M = $\pm 20\%$
- Package: Tape and Reel is the standard

ELECTRICAL SPECIFICATION @ 25°C

Part Number	INDUCTANCE	% Tol	L TEST	Q FACTOR	Q TEST	R _{dc}	SRF	I _{dc}
R7X0603CW-	(nH)	Avail	FREQ (MHz)	MIN	FREQ (MHz)	(Ω)	(MHz)	MAX
1N8	1.8	K,M	250	16	250	0.05	>6000	700
3N3	3.3	K,M	250	20	250	0.08	>6000	700
3N9	3.9	K,M	250	20	250	0.08	>6000	700
6N8	6.8	K,M	250	25	250	0.11	5800	700
10N	10	G,J,K,M	250	30	250	0.13	4800	700
12N	12	G,J,K,M	250	30	250	0.13	4000	700
15N	15	G,J,K,M	250	30	250	0.17	4000	700
18N	18	G,J,K,M	250	30	250	0.17	3200	700
22N	22	G,J,K,M	250	35	250	0.19	3000	700
27N	27	G,J,K,M	250	35	250	0.22	2800	600
33N	33	G,J,K,M	250	35	250	0.22	2300	600
39N	39	G,J,K,M	250	35	250	0.25	2200	600
47N	47	G,J,K,M	250	35	250	0.28	2100	600
56N	56	G,J,K,M	250	35	250	0.31	2000	600
68N	68	G,J,K,M	250	35	250	0.34	1850	600
72N	72	G,J,K,M	250	35	250	0.49	1700	400
82N	82	G,J,K,M	250	35	250	0.54	1700	400
101N	100	G,J,K,M	250	35	250	0.71	1500	400
111N	110	G,J,K,M	250	35	250	0.75	1400	300
121N	120	G,J,K,M	250	35	250	0.79	1350	300
151N	150	G,J,K,M	150	28	150	0.92	1200	280
181N	180	G,J,K,M	100	25	100	1.25	1100	240
221N	220	J,K,M	100	25	100	1.50	1000	200
271N	270	J,K,M	100	25	100	1.80	860	170
331N	330	J,K,M	100	24	100	2.00	600	150
391N	390	J,K,M	100	23	100	2.10	460	120

Mechanical



Dimensions

Unless otherwise specified, all tolerances are:

inch: .XX : ± 0.015 .XXX : ± 0.004

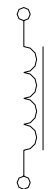
mm: X,X : ± 0.38 X,XX : ± 0.10

Schematic

A Max	B Max	C Max
0.063	0.039	0.038
1.60	1.00	0.97

E	F	G
0.030	0.013	0.034
0.76	0.33	0.86

H	I	J
0.04	0.025	0.025
1.02	0.64	0.64



Product performance is limited to specified parameter. Data is subject to change without prior notice.

R7X0603CW-XXX
0603JW

2463 208th, Ste. 205
Torrance, CA 90501

Phone: (310)533-1455
Fax: (310)533-1853

<http://www.mpsind.com>
Email: sales@mpsind.com