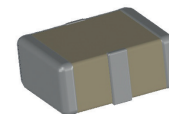
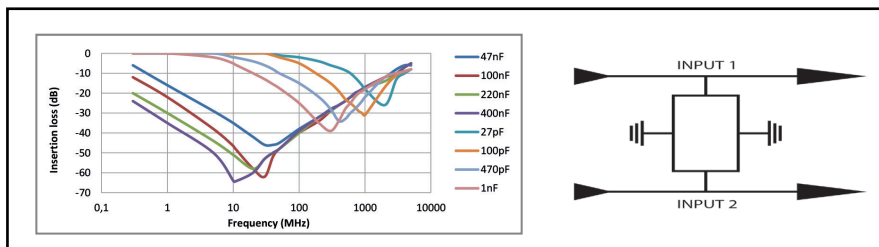


• Applications

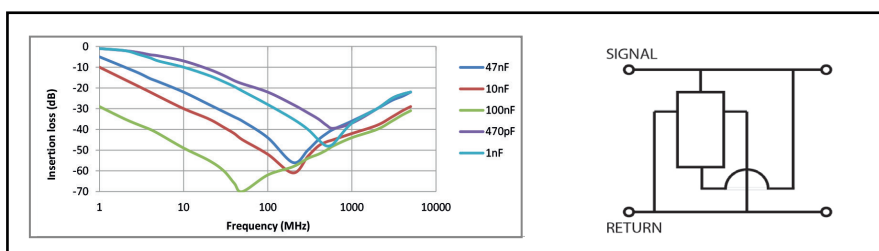


Flexible Quadripole Capacitor for :

Filtering



Decoupling



• Electrical Parameters

Temperature Range : - 55°C, + 125°C

Temperature Coefficient : ± 30ppm/°C for NPO
± 15% with 0Vdc applied for X7R

Insulation Resistance : 10⁵ MOhm or 1000 Ohm-Farad whichever is less at 25°C under Un



RoHS compliant

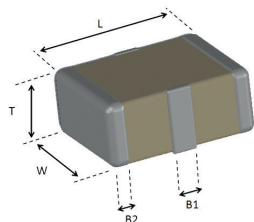
• Quick Reference Data

		0603	0805	1206	1812	2220
50 V	NPO	100pF - 220pF	150pF - 470pF	360pF - 1.5nF	2.2nF - 10nF	12nF - 22nF
	X7R	150pF - 10nF	12nF - 47nF	56nF - 220nF	270nF - 680nF	620nF - 1µF
100 V	NPO	10pF - 100pF	10pF - 330pF	22pF - 1nF	820pF - 6.8nF	1nF - 15nF
	X7R	100pF - 6.8nF	470pF - 15nF	1.5nF - 47nF	8.2nF - 330nF	10nF - 470nF
200 V	X7R				10nF - 68nF	22nF - 100nF

• Ordering Code

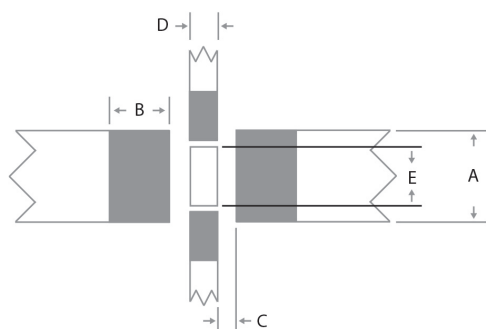
M2F	0805	Y	223	M	A	X	B
TYPE	SIZE	DIELECTRIC	CAPACITANCE	TOLERANCE	VOLTAGE	TERMINATION	PACKAGING
	0603 0805 1206 1812 2220	A = COG Y = X7R	Expressed in picofarads (pF). The first two digits are significant, the third digit give the number of noughts. Example : 102 = 1000pF	M = ± 20%	A = 50V B = 100V C = 200V	F = Palladium-Silver X = Nickel with Tin plated finish W = Nickel with Gold plated finish P = Polymer (end termination only) with Tin plated finish	B = 7" reel V = Bulk

• *Dimensions in millimeters*



	0603	0805	1206	1812	2220
L	1.6 ± 0.15	2.0 ± 0.2	3.2 ± 0.25	4.5 ± 0.30	5.6 ± 0.25
W	0.8 ± 0.15	1.25 ± 0.2	1.60 ± 0.2	3.2 ± 0.25	5.1 ± 0.25
T	0.8 ± 0.15	1.3 ± 0.15	1.4 ± 0.2	2.1 max.	4 max.
B1	0.4 ± 0.15	0.5 ± 0.25	0.95 ± 0.3	1.4 ± 0.35	2.25 ± 0.4
B2	0.25 ± 0.15	0.3 ± 0.15	0.5 ± 0.25	0.75 ± 0.25	0.75 ± 0.25

• *Solder Patterns in millimeters*



	0603	0805	1206	1812	2220
A	0.6	0.95	1.2	2.65	4.15
B	0.6	0.9	0.9	1.4	1.4
C	0.4	0.3	0.6	0.8	1.2
D	0.2	0.4	0.8	1.4	1.8
E	0.4	0.75	1.0	2.05	3.95