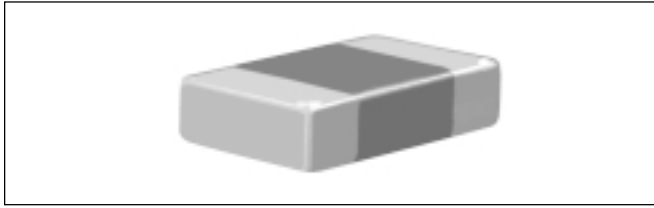


Multilayer Ceramic Chip Capacitors Low Inductance



FEATURES

- Low inductance, typically half the inductance of standard product.
- Reduces AC noise in multi-chip modules (MCM).
- Low profile, robust device for easy mounting.

GENERAL SPECIFICATIONS

NOTE: Electrical characteristics @ + 25°C unless otherwise specified.

Capacitance Range: 8200pF to 0.33μF.

Inductance: 0.5nH.

Temperature Coefficient of Capacitance (TCC):
± 15% from - 55°C to + 125°C.

Dissipation Factor (DF):

25V ratings, 3.5% maximum @ 1.0 Vrms and 1kHz.
50V ratings, 2.5% maximum @ 1.0 Vrms and 1kHz.

Insulation Resistance (IR):

@ + 25°C and rated voltage 100,000 Megohms minimum or 1000 ohm-farads minimum, whichever is less.

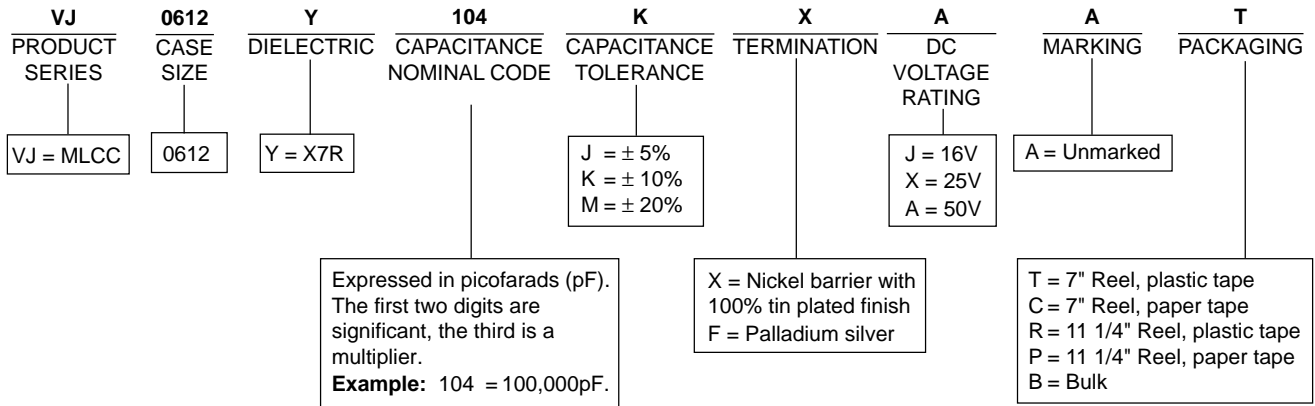
@ + 125°C and rated voltage 10,000 Megohms minimum or 100 ohm-farads minimum, whichever is less.

Dielectric Withstanding Voltage (DWV):

250% of rated voltage for 5 ± 1 seconds, 50 milliamps current maximum.

Aging Rate: 1% maximum per decade.

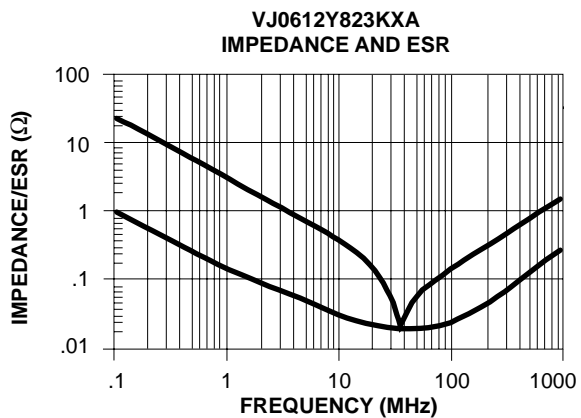
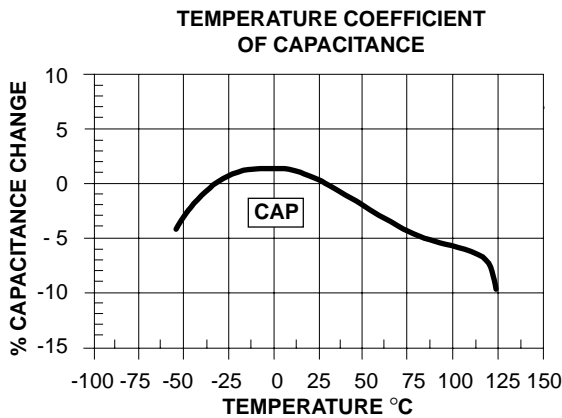
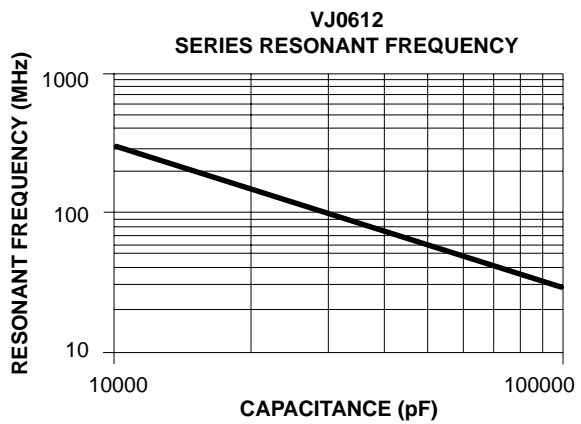
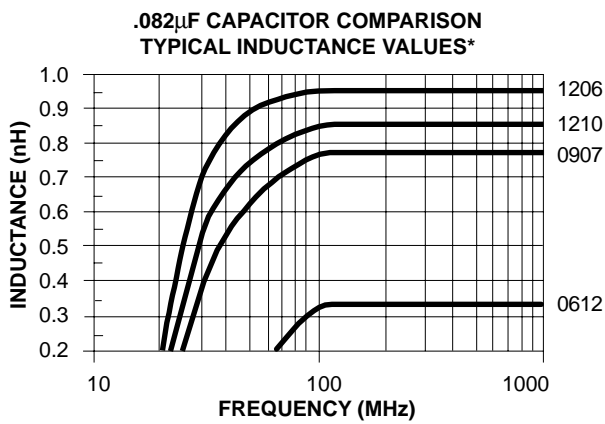
ORDERING INFORMATION





CAPACITANCE vs VOLTAGE				
CAPACITANCE CODE	CAPACITANCE	VJ0612		
		VOLTAGE (Vdc)	VOLTAGE (Vdc)	VOLTAGE (Vdc)
		16	25	50
822	8200pF			
103	.010μF			
123	.012μF			
153	.015μF			
183	.018μF			
223	.022μF			
273	.027μF			
333	.033μF			
393	.039μF			
473	.047μF			
563	.056μF			
683	.068μF			
823	.082μF			
104	.10μF			
124	.12μF			
154	.15μF			
184	.18μF			
224	.22μF			
274	.27μF			
334	.33μF			

TYPICAL PARAMETERS



All measurements made at + 25°C unless otherwise specified. Accurate high frequency measurements were made using H.P. coax fixturing set 1609A.