



MULTILAYER CERAMIC CHIP CAPACITOR RANGE

Rev. A10

Case	Rated Voltage		COG / NP0	X7R	X7S	X6S	X5R	Y5V
			0 ± 30 ppm/C (-55 to +125C)	±15% (-55 to +125C)	±22% (-55 to +125C)	±22% (-55 to +105C)	±15% (-55 to +85C)	+22 / -82% (-30 to +85C)
C0603 (0201)	0G	4V				223, 104		
	0J	6.3V					223, 104	
	1A	10V				103	103	
	1C	16V					472	103
	1E	25V	010 - 101				102, 222	
	1H	50V					101 - 471	
C1005 (0402)	0G	4V				225	225	
	0J	6.3V				105	154 - 225	105
	1A	10V					104 - 105	474
	1C	16V		473, 104			683 - 105	
	1E	25V		103 - 104			473 - 104	224
	1H	50V	010 - 102	221 - 473				
C1608 (0603)	0G	4V				475, 106	106	
	0J	6.3V				225	155 - 106	475, 106
	1A	10V					334 - 475	225
	1C	16V		224 - 105			334 - 225	105 - 225
	1E	25V		104 - 474			224 - 105	474 - 105
	1H	50V	010 - 103	221 - 104				104 - 474
C2012 (0805)	0G	4V				106, 226		
	0J	6.3V					475 - 226	226
	1A	10V			106		225 - 106	106
	1C	16V		684 - 475			225 - 106	475 - 106
	1E	25V		474 - 225			475	225 - 475
	1H	50V	392 - 333	154 - 105				474 - 225
C3216 (1206)	0G	4V				226, 476		
	0J	6.3V					106 - 476	476
	1A	10V			106		106	226
	1C	16V		106			106	106, 226
	1E	25V		684 - 475			475 - 106	475, 106
	1H	50V	123 - 104	474 - 225				225, 475
C3225 (1210)	0G	4V				476, 107		
	0J	6.3V					336 - 107	107
	1A	10V			226		226	476
	1C	16V		106, 226			156, 226	226, 476
	1E	25V		225 - 106			106	106, 226
	1H	50V	393-104	155 - 335	106			475, 106
C4532 (1812)	0J	6.3V					107	
	1A	10V					336, 476	107
	1C	16V		226 - 336			336	476
	1E	25V		475 - 226			226	226
	1H	50V	154 - 224	225 - 685			475	106
	2A	100V	473 - 104	684 - 225	475			
C5750 (2220)	0J	6.3V					107	
	1A	10V					686	
	1C	16V		336 - 476			336, 476	107
	1E	25V		106 - 226				476
	1H	50V		475 - 106				226
	2A	100V		684 - 475	106			
Recommended Capacitance series			E-12 1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2	E-3 1, 2.2, 4.7			E-3 1, 2.2, 4.7	E-1 1

Notes: Capacitor range is stated in three digits, designating a picofarad (pF) value. The first and second digits identify the first and second significant figures of the capacitance the third identifies the multiplier. R indicates a decimal point. (Ex. 104 = 100,000pF = 0.1 uF)

Data subject to change without notice, please contact your TDK sales representative for most current revision. This datasheet is intended for customer use only - do not distribute outside of your organization.

Technical Information : http://www.tdk.com/cap_technotes.php