

Case Size JIS (EIA)		C0G		X7R		X7S		X6S		X5R		Y5V	
		[-55/+125C, 0±30ppm/C]		[-55/+125C, ±15%]		[-55/+125C, ±22%]		[-55/+105C, ±22%]		[-55/+85C, ±15%]		[-30/+85C, ±22/-82%]	
		E12 series		E6 series		E3 series		E3 series		E6 series		E1 series	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
C0402 (01005)	4V												
	6.3V												
	10V			101	681					681	103		
	16V	0R5	150							101	222		
	25V									101	681		
C0603 (0201)	4V							223	104				
	6.3V												
	10V								103	223	104		
	16V										103		
	25V	010	101								472		103
C1005 (0402)	4V												
	6.3V												
	10V												
	16V			473	104					154	475		105
	25V			103	104				105	104	225		474
C1608 (0603)	4V												
	6.3V												
	10V												
	16V			224	105								
	25V			104	474					334	475	105	225
C2012 (0805)	4V							106	226				
	6.3V									475	226		226
	10V						106			225	226		106
	16V			684	475					225	226	475	106
	25V			474	225						475	225	475
C3216 (1206)	4V												
	6.3V												
	10V						106						
	16V				106					106	106	106	226
	25V			684	106					475	106	475	106
C3225 (1210)	4V							476	107				
	6.3V									336	107		107
	10V						226				226		476
	16V			106	226					156	226	226	476
	25V			225	106						106	106	226
C4532 (1812)	4V												
	6.3V												
	10V												
	16V			226	336					336	476		107
	25V			475	226						336	336	476
C5750 (2220)	4V												
	6.3V												
	10V												
	16V			336	476						107		107
	25V			106	226					336	476		476

Notes:

- Capacitance above is provided in a three digit code, 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, or 0.1uF ; 1R8 = 1.8pF). Capacitance steps are offered in the E-series listed in the header. Red values indicates new TDK items.
- This data is 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