KEMET
CHARGED.

AVAILABLE MAX/MIN CAP CODES & STANDARD CAP VALUES

KEMET Commercial Ceramic Chip Capacitors – **July 2008** (**2008 releases in red/underline**)

EIA	0201	0402	0603	0805	1206	1210	1812	1825	2220	2225	1632
METRIC	0603	1005	1608	2012	3216	3225	4532	4564	5650	5664	Array
C0G 25/16/10MIN	100	508	508	508	109	100					100
C0G 25/16/10 MAX	101	222	153	473	104	224					471
C0G 50 MIN		508	508	508	109	100	471	392	682	472	100
C0G 50 MAX		152	682	223	823	154	224	273	474	333	471
C0G 100 MIN		101	508	508	109	100	471	392	682	472	100
C0G 100 MAX		102	472	153	473	104	154	273	334	273	181
C0G 200 MIN			508	508	109	100	471	392		472	100
C0G 200 MAX			181	471	272	562	682	123		153	820
X7R 10/6.3 MIN		151	181	221	102	222					331
X7R 10/6.3 MAX		104	105	225	106	476 / 226					104
X7R 16 MIN		151	181	221	102	222					331
X7R 16 MAX		104	105	225	106	106					104
X7R 25 MIN		151	181	221	102	222	682	223	693	473	331
X7R 25 MAX		473	224	105	475	106	106	225	226	225	223
X7R 50 MIN		151	181	221	102	222	682	223	693	473	331
X7R 50 MAX		223	154	684	225	475	475	225	106	225	223
X7R 100 MIN			181	221	102	222	682	223	693	473	331
X7R 100 MAX			473	224	474	225	225	684	105	125	472
X7R 200 MIN			181	221	102	222	682	223	693	473	331
X7R 200 MAX			103	563	154	104	474	394	105	125	561
X7R 250 MIN				181	102	222	682	223	423	473	
X7R 250 MAX				223	104	104	474	105	105	125	
X5R 4 MIN	103	151	181	221	102	105					
X5R 4 MAX	104	475	106	476	107	107					
X5R 6.3 MIN	103	151	181	221	102	105					
X5R 6.3 MAX	104	225	106	476	107	107					
X5R 10 MIN	103	151	181	221	102	105					
X5R 10 MAX	103	105	475	106	476	476					
X5R 16 MIN	103	151	181	221	102	105					
X5R 16 MAX	103	104	225	106	106	476					
X5R 25 MIN		151	181	221	102	105					
X5R 25 MAX		473	105	475	106	106 - 35V					
X5R 50 MIN											
X5R 50 MAX					475	105					
Y5V 6.3 MIN		123	223	223	224	224					
Y5V 6.3 MAX		104	105	815	226	226					
Y5V 10 MIN		123	223	223	224	224					
Y5V 10 MAX		104	105	815	106	226					
Y5V 16 MIN		123	223	223	224	224					
Y5V 16 MAX		104	474	225	565	226					
Y5V 25 MIN)			223	223	224	224					
Y5V 25 MAX			334	105	105	105					
Y5V 50 MIN				223		224					
Y5V 50 MAX				224		105					

Acceptable Kemet Substitutes: X7R/X5R for Z5U, Z5U/X5R/X7R for Y5V, X7R for X5R, C0G for X7R

Notes: Capacitance codes are expressed in Picofarads (pF). The first two digits represent significant figures. The third digit signifies the number of zeros. Use 9 for 1.0 through 9.9pF. Use 8 for 0.5 through 0.99pF. (Ex: 2.2pF = 229 or 0.50pF = 508)

Data is subject to change without notice. Please contact your KEMET sales representative for the most current version

For Technical Information please visit our website @ www.kemet.com