



MULTILAYER CERAMIC CHIP CAPACITORS

Aug. 29th, 2011

High Capacitance MLCC

 Mass Production
 ☆ Sampling Only
 ◎ In Developing

X7R (X) Series																														
Size	0402	0603					0805					1206					1210					1812				2220				
Code	VDC	6.3V	6.3V	10V	16V	25V	35V	6.3V	10V	16V	25V	35V	50V	6.3V	10V	16V	25V	35V	50V	10V	16V	25V	35V	50V	100V	25V	50V	100V	100V	
105	1uF	☆	B	B	B	B	◎	D	D	D	D	D	D	D	D	D	D	E	E	D	D	D	D	D	F	E	E	E	G	250V/E
225	2.2uF		B	B	◎			D	D	D	D	◎		E	E	E	E	E	E	G/F	G/F	G/F	G/F	G/F	G/F	F	F	G		250V/H
475	4.7uF	☆	◎					D	D	D	◎			E	E	E	E	E	E	F	F	F	F	F		F	F			100V/F
106	10uF							D	D	◎				E	E	E	E	◎		F	F	F	F	F						50V/H
226	22uF													E	◎					☆	☆	☆				☆				

X5R (B) Series																															
Size	0402	0603					0805					1206					1210														
Code	VDC	6.3V	10V	16V	6.3V	10V	16V	25V	35V	6.3V	10V	16V	25V	35V	50V	6.3V	10V	16V	25V	35V	50V	6.3V	10V	16V	25V	35V	50V				
105	1uF	O	O	O	B	B	B	B	B	D	D	D	D	D	D	E	E	E	E	E	E										
225	2.2uF	O	O		B	B	B	☆		D	D	D	D	☆		E	E	E	E	E	E										
475	4.7uF	☆			B	B	◎			D	D	D	D			E	E	E	E	E	E	F	F	F	F	F	F	F	F		
106	10uF	☆			B	B				D	D	D	☆			E	E	E	E	☆		F	F	F	F	F	F	F	F		
226	22uF				☆					D	D					E	E	E	E			G	G	G	☆						
476	47uF									☆						E	E					☆									
107	100uF														☆							G									

Y5V (Y) Series																														
Size	0402	0603					0805					1206					1210													
Code	VDC	6.3V	10V	6.3	10V	16V	25V	6.3V	10V	16V	25V	50V		10V	16V	25V	35V	50V	6.3V	10V	16V	25V	35V	50V						
105	1uF	O	O		B	B	B			B	B	D																		
225	2.2uF			B	B	B				D	D	D																		
475	4.7uF			B	B			D	D	D						D	D													
106	10uF							D	D	D				D	E	E					E	E	E							
226	22uF							D						D	E						F	F								

Symbol Code	S	O	A	B	C	D	E	F	G	H
Thickness(mm)	0.3±0.03	0.5±0.05	0.6±0.1	0.8±0.1	1±0.1	1.25±0.15	1.6±0.2	2±0.2	2.4±0.2	2.8±0.2

Following items were ever confirmed by factory that are able to be developed :

- C1206X335K025T
- C1812X685K050T (has submitted new product request)
- C2225X106K016/025T
- C2220X476K035T
- C2220X106M101T (available for sampling)

Sales Promotion
0402/X5R/474
0402/X5R/105
0603/X7R/224
0603/X5R/334
0805/X5R/684
0805/X7R/105
1206/X5R/476
0603/Y5V/475
0805/Y5V/226
1206/Y5V/106