

X7R Standard Products and Thickness

T.C.	X7R Class II																										
Type	Standard																				High Voltage						
Size	0402				0603				0805				1206								1206	1808	1812				
RV	10V	16V	25V	50V	10V	16V	25V	50V	100V	10V	16V	25V	50V	100V	200V	10V	16V	25V	50V	100V	200V	500V	1kV	2kV	2kV	2kV	
47 pF																											
56 pF																											
68 pF																											
82 pF																											
100 pF	B	B	B	B			D	D	D																		
120 pF	B	B	B	B			D	D	D																		
150 pF	B	B	B	B			D	D	D																		
180 pF	B	B	B	B			D	D	D			C	C	C	E				D	D	D	D	E	E			
220 pF	B	B	B	B			D	D	D			C	C	C	E				D	D	D	D	E	E	H		
270 pF	B	B	B	B			D	D	D			C	C	C	E				D	D	D	D	E	E	H		
330 pF	B	B	B	B			D	D	D			C	C	C	E				D	D	D	D	E	E	H		
390 pF	B	B	B	B			D	D	D			C	C	C	E				D	D	D	D	E	E	H		
470 pF	B	B	B	B			D	D	D			C	C	C	E				D	D	D	F	K	K	H		
560 pF	B	B	B	B			D	D	D			C	C	C	E				D	D	D	F	K	K	H		
680 pF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K	K	H		
820 pF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K	H	H		
1.0 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K	H	H	H	H
1.2 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K	H	H		
1.5 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K		H		
1.8 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K		H		
2.2 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K		H		
2.7 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K		H		
3.3 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K		H		
3.9 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	K		H		
4.7 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F	H		H		
5.6 nF	B	B	B	B			D	D	D			C	C	C	E				E	E	E	F					
6.8 nF	B	B	B	B			D	D	D			C	C	C	G				E	E	E	F					
8.2 nF	B	B	B	B			D	D	D			C	C	C	G				E	E	E	F					
10 nF	B	B	B				D	D	D			C	C	C					E	E	E	F					
12 nF	B	B					D	D	D			C	C	E					E	E	E						
15 nF	B	B					D	D	D			C	C	E					E	E	E						
18 nF	B	B					D	D				C	C	E					E	E	F						
22 nF	B	B					D	D				C	C	E					E	E	F						
27 nF	B	B					D	D				C	C	E					E	E	F						
33 nF	B	B					D	D				C	C						E	E							
39 nF	B	B					D					C	C						E	E							
47 nF	B	B					D	D				C	E						E	E							
56 nF							D					C	E						E	E							
68 nF							D					C	E						E	F							
82 nF							D					E	E						E	F							
100 nF						D	D					E	E	G					E	F							
120 nF						D						E	E	G					E								
150 nF						D						E	G	G					E	F							
180 nF						D						E							E	F							
220 nF						D						E	E						E	F							
270 nF												E	G						E								
330 nF												E	G						E	E							
390 nF												E	G						E	E							
470 nF												E	G						E								
560 nF												E	G						E								
680 nF												E	G						F								
820 nF												G	G						F								
1.0 μF												G	G						E	F							
1.2 μF																			F								
1.5 μF																			F								
1.8 μF																			L								
2.2 μF																			L								

 Standard NME
 Standard BME
 Certain types may be available in the alternate electrode material. Ask for details.

Thickness Codes

Code	A	B	C	D	E	F	G	H	K	L
Thickness	0.30±0.03	0.50±0.05	0.60±0.10	0.80±0.10	0.85±0.10	1.15±0.10	1.25±0.10	1.50±0.15	1.10±0.20	1.60±0.15