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## SYFER TECHNOLOGY – X7R High Voltage Range Extension

RATED VOLTAGE	0805		1206		1210		1808		1812	
	Current	New	Current	New	Current	New	Current	New	Current	New
500V	8.2nF	10nF	33nF	47nF	100nF	120nF	100nF	120nF	270nF	330nF
630V	4.7nF	6.8nF	10nF	33nF	27nF	47nF	33nF	68nF	150nF	180nF
1000V	3.3nF	4.7nF	4.7nF	27nF	15nF	33nF	18nF	47nF	56nF	100nF
1200V			3.3nF	15nF						
1500V			2.7nF	10nF						

Examples of how smaller case sizes can be achieved with the new range:

TYPE	VOLTAGE	CAP	PREVIOUS CASE SIZE
0805Y1K00102KXT	1kV	1nF	1206
0805Y1K00472KXT	1kV	4.7nF	1206
1206Y1K00103KXT	1kV	10nF	1812
1206Y1K00273KXT	1kV	27nF	1210
1812Y1K00104KXT	1kV	100nF	1812/2220

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