

## Surge Components, Inc. Film Capacitor Cross Reference Guide

ARCOTRONICS (Now Kemet)	APPLICATION	SURGE Series	COMMENTS
LDE	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
R40, R46	RF INTERFERENCE	C42	
R41	RF INTERFERENCE	C43	
R73	PULSE	C82,C84	Check dv/dT rating customer needs for correct series
R74	PULSE	C82,C84	Check dv/dT rating customer needs for correct series
R75	PULSE	C31,C32,C33	Check dv/dT rating customer needs for correct series
R76, R77	PULSE	C82,C84	Check dv/dT rating customer needs for correct series
R79	PULSE	C31P	
R82 (R85), R86, R84, R80, R8A, (MKT)	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21,C22,C23,C24,C25,C28	
	PULSE	C31P	

AVX / THOMSON	APPLICATION	SURGE Series	COMMENTS
BF, BT, BG, BC, BD, BO	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21,C22,C23,C24,C25,C28	Available in Box and Dip packages. Please check the series

BC COMP. / PHILIPS / VISHAY	APPLICATION	SURGE Series	COMMENTS
2222 335 5 (MKP 335 5), 2222 336 2 (MKP 336 2), 2222 338 2 (MKP 338 2)	RF INTERFERENCE	C42	
2222 338 1 (MKP 338 1)	RF INTERFERENCE	C45	
2222 336 6 (MKP 336 6)	RF INTERFERENCE	C43	
2222 365, 2222 366, 2222 367 (MKT 365/366/367)	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C28	Competitor part is Dipped Surge also has box style caps to consider : C23, C24
2222 368, 2222 369, 2222 467, 2222 468 (MKT 368/369/467/468)	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21	Competitor part is Dipped Surge also has box style caps to consider : C23, C24
2222 370, 2222 371, 2222 372, 2222 373 (MKT 370/371/372/373)	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21,C22,C23,C24,C25,C28	Available in Box and Dip packages. Please check the series
2222 374 (KP 374), 2222 375 (KP/MKP 375)	PULSE	C14	
2222 378 (MKP 378)	PULSE	C82,C84	Check dv/dT rating customer needs for correct series
2222 379 (MKP 379)	PULSE	C31,C32,C33	Check dv/dT rating customer needs for correct series
2222 383 (MMKP 383)	PULSE	C14	
2222 478 (MKP 478)	PULSE	C31	

EPCOS / SIEMENS	APPLICATION	SURGE Series	COMMENTS
B32509, B32520, B32521, B32522, B32523, B32524, B32529	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21,C22,C23,C24,C25,C28	Available in Box and Dip packages. Please check the series
B32540, B32541, B32542, B32549,	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
B32612, B32613, B32614	PULSE	C31	Competitor part is Dipped Surge also has box style caps to consider : C32
B32620, B32621	PULSE	C31,C32,C33	Check dv/dT rating customer needs for correct series
B32632, B32633, B32634	PULSE	C14	Competitor part is Dipped Surge also has box style caps to consider : C82, C84
B32651, B32652, B32653, B32654, B32656, B32682, B32683, B32684	PULSE	C14,C82,C84	Check dv/dT rating customer needs for correct series
B32740, B32749	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
B32840, 32841, 32842, B32849	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
B81122	RF INTERFERENCE	C43	
B81123	RF INTERFERENCE	C47	
B81130, B81131, B81133	RF INTERFERENCE	C42	
B81141	RF INTERFERENCE	C44,C45,C46	Confirm VAC needed to pick correct series

EVOX-RIFA (Now Kemet)	APPLICATION	SURGE Series	COMMENTS
MMC, SMC, SMP	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
MMK	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21,C22,C23,C24,C25,C28	Available in Box and Dip packages. Please check the series
PF8	HIGH FREQUENCY	C31P	
PHE426	PULSE	C32,C33	Check dv/dT rating customer needs for correct series
PHE448	PULSE	C14	
PHE450	PULSE	C82,C84	Check dv/dT rating customer needs for correct series
PHE840	RF INTERFERENCE	C42	
PHE844	RF INTERFERENCE	C44,C45,C46	Confirm VAC needed to pick correct series
PHE850	RF INTERFERENCE	C43	
PME271	RF INTERFERENCE	None at this time	If can use less expensive Polypropylene, see C43
PME295	RF INTERFERENCE	None at this time	If can use less expensive Polypropylene, see C43, C47
PMR209	RC NETWORK	C40	

PANASONIC	APPLICATION	SURGE Series	COMMENTS
ECH-S	GENERAL PURPOSE-COUPLING/ DE-COUPLING	None at this time	Surface Mount style
ECH-U(B)	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
ECU-(C), ECU-(V)(B)	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
ECQ-B	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C28	
ECQ-F, ECW-H(V), ECW-H(T)	PULSE	C82,C84	Competitor part is Dipped Surge parts are box style
ECQ-JX, ECQ-UG, ECQ-UV	RF INTERFERENCE	C42	
ECQ-P, ECQ-P(A)	PULSE	C31,C31P	
ECQ-UL, ECQ-UN, ECW-H(T)	RF INTERFERENCE	C42	Competitor part is Dipped Surge parts are box style
ECQ-V, ECQ-E(F)	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21,C24,C28	
ECW-F(B)	PULSE	C31	
ECW-U, ECW-U(C)	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style

VISHAY ROEDERSTEIN	APPLICATION	SURGE Series	COMMENTS
F 1710 - F 1712	RF INTERFERENCE	C43	
F 1722, F1724, F 1726	RF INTERFERENCE	C42	
F 1772, F 1774 (insulated leads), F 1778, F1779 (insulated leads)	RF INTERFERENCE	C42,C44,C45,C46	Confirm VAC needed to pick correct series. (Are Insulated leads even required?)
F 1776	GENERAL PURPOSE	C23	
KP 1830	PULSE	C30	
KP 1836	PULSE	C14	
MKI 1810	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
MKP 1837, MKP 1840	PULSE	C31,C32,C33	Check dv/dT rating customer needs for correct series
MKP 1841-M, MKP 1846	PULSE	C82,C84	
MKT 1802	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
MKT 1804	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
MKT 1824	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
MKT 1826, MKT 1817, MKT 1818, MKT 1820, MKT 1822	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21,C22,C23,C24,C25,C28	Available in Box and Dip packages. Please check the series

WIMA	APPLICATION	SURGE Series	COMMENTS
FKP1	PULSE	C14,C82,C84	Check dv/dT rating customer needs for correct series
FKP2	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C31P	
FKP3	PULSE	C82,C84	Check dv/dT rating customer needs for correct series
MK2	GENERAL PURPOSE-COUPLING/ DE-COUPLING	None at this time	Competitor part uses PPS material. If can use PET, see C24
MKP10	PULSE	C82,C84	Check dv/dT rating customer needs for correct series
MKP2, MKP4	PULSE	C31,C32,C33	Check dv/dT rating customer needs for correct series
MKS2, MKS4	GENERAL PURPOSE-COUPLING/ DE-COUPLING	C21,C22,C23,C24,C25,C28	Available in Box and Dip packages. Please check the series
MP30-Y2	RF INTERFERENCE	None at this time	Competitor uses paper dielectric. If can use less expensive Polypropylene, see C43
MP3-X1	RF INTERFERENCE	None at this time	Competitor uses paper dielectric. If can use less expensive Polypropylene, see C44,C45,C46
MP3-X2	RF INTERFERENCE	None at this time	Competitor uses paper dielectric. If can use less expensive Polypropylene, see C42
MP3-Y1	RF INTERFERENCE	None at this time	Competitor uses paper dielectric. If can use less expensive Polypropylene, see C47
MP3-Y2	RF INTERFERENCE	None at this time	Competitor uses paper dielectric. If can use less expensive Polypropylene, see C43
SMD 2220, SMD 2824, SMD 7.3, SMD 4036, SMD 5045, SMD 6560	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style
SMD MP3 - Y2, SMD MP3 - X2	GENERAL PURPOSE-SURFACE MOUNT	None at this time	Surface Mount style