

Replacement list for “Not recommended for new design”

* If you are using any of the following models on the deleted list, please substitute them with the suggested alternative model as soon as possible.

Non-recommended part number						Replacement part number							
Series	Cate-gory temp. range max. (°C)	Rated voltage (V)	Capaci-tance (µF)	ESR (mΩ)	Part number	Series	Size code	Cate-gory temp. range max. (°C)	Rated voltage (V)	Capaci-tance (µF)	ESR (mΩ)	Part number	
CS	105	10	47	40	EEFCS1A470R	POSCAP TQC	D15	105	16	47	55	16TQC47MYFT	
						POSCAP TPE	B2	85	10	47	35	10TPE47MAZB	
						OS-CON SVP	C6	105	10	47	50	10SVP47M	
						Hybrid ZA	D	105	25	47	50	EEHZA1E470P	
	105	16	15	40	EEFCS1C150R	POSCAP TQC	D15	105	16	47	55	16TQC47MYFT	
						OS-CON SVP	B6	105	16	22	90	16SVP22M	
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R	
	105	16	22	40	EEFCS1C220R	POSCAP TQC	D15	105	16	47	55	16TQC47MYFT	
						OS-CON SVP	B6	105	16	22	90	16SVP22M	
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R	
	105	16	33	40	EEFCS1C330R	POSCAP TQC	D15	105	16	47	55	16TQC47MYFT	
						OS-CON SVPC	B6	105	16	39	27	16SVPC39MV	
						Hybrid ZA	C	105	25	33	80	EEHZA1E330R	
	105	20	10	40	EEFCS1D100R	POSCAP TQC	D15	105	20	47	55	20TQC47MYFT	
						OS-CON SVPA	B6	105	20	10	40	20SVPA10M	
						Hybrid ZA	C	105	35	10	100	EEHZA1V100R	
	105	20	15	40	EEFCS1D150R	POSCAP TQC	D15	105	20	47	55	20TQC47MYFT	
						OS-CON SVPA	C6	105	20	22	35	20SVPA22M	
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R	
	105	20	22	40	EEFCS1D220R	POSCAP TQC	D15	105	20	47	55	20TQC47MYFT	
						OS-CON SVPA	C6	105	20	22	35	20SVPA22M	
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R	
	105	25	10	40	EEFCS1E100R	POSCAP TQC	D2	105	25	22	60	25TQC22MYFD	
						POSCAP TQS	D15	105	35	47	100	35TQS47MEX	
POSCAP TQC						D2	105	25	15	90	25TQC15MYFD		
OS-CON SVPD						C6	125	25	10	65	25SVPD10M		
Hybrid ZA						C	105	35	10	100	EEHZA1V100R		
105	25	15	40	EEFCS1E150R	POSCAP TQC	D2	105	25	22	60	25TQC22MYFD		
					POSCAP TQS	D15	105	35	47	100	35TQS47MEX		
					POSCAP TQC	D2	105	25	15	90	25TQC15MYFD		
					OS-CON SVPK	B6	125	25	33	35	25SVPK33M		
105	35	10	40	EEFCS1V100R	Hybrid ZA	C	105	25	22	80	EEHZA1E220R		
					POSCAP TQC	D2	105	35	10	120	35TQC10MYF		
					OS-CON SVPK	B6	125	35	22	35	35SVPK22M		
CT	105	10	68	40	EEFCT1A680R	POSCAP TQC	D15	105	16	47	55	16TQC47MYFT	
						POSCAP TPC	D2	105	10	100	45	10TPC100M	
						OS-CON SVPC	B6	105	10	68	30	10SVPC68M	
						Hybrid ZA	D8	105	25	68	30	EEHZA1E680XP	
						Hybrid ZA	D8	105	35	68	35	EEHZA1V680XP	
	105	16	47	40	EEFCT1C470R	POSCAP TQC	D15	105	16	47	55	16TQC47MYFT	
						OS-CON SVF	B6	125	16	82	27	16SVF82M	
						Hybrid ZA	D	105	25	47	50	EEHZA1E470P	
	105	20	33	40	EEFCT1D330R	POSCAP TQC	D15	105	20	47	55	20TQC47MYFT	
						OS-CON SVPK	B6	125	25	33	35	25SVPK33M	
						Hybrid ZA	C	105	25	33	80	EEHZA1E330R	
	105	20	47	40	EEFCT1D470R	POSCAP TQC	D15	105	20	47	55	20TQC47MYFT	
						OS-CON SVPF	C6	105	25	47	30	25SVPF47M	
						Hybrid ZA	D	105	25	47	50	EEHZA1E470P	
	105	25	22	40	EEFCT1E220R	POSCAP TQC	D15	105	25	22	70	25TQC22MYFT	
						POSCAP TQS	D15	105	35	47	100	35TQS47MEX	
						OS-CON SVPF	B6	105	25	27	40	25SVPF27MX	
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R	
	105	35	15	40	EEFCT1V150R	POSCAP TQC	D2	105	35	15	150	35TQC15MYF	
						OS-CON SVPK	B6	125	35	22	35	35SVPK22M	
							Hybrid ZA	C	105	35	22	100	EEHZA1V220R

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CX	105	10	100	40	EEFCX1A101R	POSCAP TPC	D2	105	10	100	45	10TPC100M
						OS-CON SVPC	C6	105	10	120	22	10SVPC120MV
						Hybrid ZA	D8	105	25	100	30	EEHZA1E101XP
	105	10	47	40	EEFCX1A470R	POSCAP TPE	D2E	105	10	68	25	10TPE68M
						POSCAP TPE	B2	85	10	47	35	10TPE47MAZB
						OS-CON SVP	C6	105	10	47	50	10SVP47M
						Hybrid ZA	D	105	25	47	50	EEHZA1E470P
	105	10	68	40	EEFCX1A680R	POSCAP TPC	D2	105	10	100	45	10TPC100M
						POSCAP TQC	D2	105	16	68	50	16TQC68MYF
						OS-CON SVPC	B6	105	10	68	23	10SVPC68MV
						Hybrid ZA	D8	105	25	68	30	EEHZA1E680XP
	105	16	15	40	EEFCX1C150R	Hybrid ZA	D8	105	35	68	35	EEHZA1V680XP
						POSCAP TQC	D2	105	16	47	40	16TQC47MW
	105	16	15	40	EEFCX1C150R	POSCAP TQC	B2	105	16	15	90	16TQC15M
						OS-CON SVP	B6	105	16	22	90	16SVP22M
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R
	105	16	22	40	EEFCX1C220R	POSCAP TQC	B2	105	16	22	90	16TQC22MYFB
						OS-CON SVP	B6	105	16	22	90	16SVP22M
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R
	105	16	33	40	EEFCX1C330R	POSCAP TQC	B2	105	16	33	90	16TQC33MYFB
						OS-CON SVPC	B6	105	16	39	27	16SVPC39MV
						Hybrid ZA	C	105	25	33	80	EEHZA1E330R
	105	16	47	40	EEFCX1C470R	OS-CON SVPF	B6	105	16	82	27	16SVPF82M
						Hybrid ZA	D	105	25	47	50	EEHZA1E470P
	105	16	68	40	EEFCX1C680R	POSCAP TQC	D2	105	16	68	50	16TQC68MYF
						POSCAP TQC	D2	105	16	100	50	16TQC100MYF
						OS-CON SVPC	C6	105	16	68	25	16SVPC68MV
						Hybrid ZA	D8	105	25	68	30	EEHZA1E680XP
	105	20	22	40	EEFCX1D220R	Hybrid ZA	D8	105	35	68	35	EEHZA1V680XP
						POSCAP TQC	D2	105	20	33	60	20TQC33MYFD
						POSCAP TQC	B2	105	20	22	90	20TQC22MYFB
						OS-CON SVPA	C6	105	20	22	35	20SVPA22M
	105	20	33	40	EEFCX1D330R	Hybrid ZA	C	105	25	22	80	EEHZA1E220R
						POSCAP TQC	D2	105	20	33	60	20TQC33MYFD
						POSCAP TQC	D2	105	20	47	55	20TQC47MYF
	105	20	47	40	EEFCX1D470R	OS-CON SVPK	B6	125	25	33	35	25SVPK33M
						Hybrid ZA	C	105	25	33	80	EEHZA1E330R
						POSCAP TQC	D15	105	20	47	55	20TQC47MYFT
	105	20	56	40	EEFCX1D560R	OS-CON SVPF	C6	105	25	47	30	25SVPF47M
						Hybrid ZA	D	105	25	47	50	EEHZA1E470P
						POSCAP TQC	D2	105	20	100	100	20TQC100MD2
	105	25	15	40	EEFCX1E150R	OS-CON SVPF	B6	105	20	56	30	20SVPF56MX
						Hybrid ZA	C	105	25	56	50	EEHZA1E560P
						POSCAP TQC	B2	105	25	15	100	25TQC15MYFB
	105	25	22	40	EEFCX1E220R	OS-CON SVPK	B6	125	25	33	35	25SVPK33M
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R
						POSCAP TQC	D2	105	25	22	60	25TQC22MYFD
105	25	33	40	EEFCX1E330R	OS-CON SVPF	B6	105	25	27	40	25SVPF27M	
					Hybrid ZA	C	105	25	22	80	EEHZA1E220R	
					POSCAP TQC	D2	105	25	22	60	25TQC22MYFD	
105	35	15	40	EEFCX1V150R	OS-CON SVPK	B6	125	25	33	35	25SVPK33M	
					Hybrid ZA	C	105	25	33	80	EEHZA1E330R	
					POSCAP TQC	D2	105	35	15	150	35TQC15MYF	
105	35	22	40	EEFCX1V220R	OS-CON SVPK	B6	125	35	22	35	35SVPK22M	
					Hybrid ZA	C	105	35	22	100	EEHZA1V220R	
					POSCAP TQC	D2	105	35	15	150	35TQC15MYF	
105	35	22	40	EEFCX1V220R	OS-CON SVPK	B6	125	35	22	35	35SVPK22M	
					Hybrid ZA	C	105	35	22	100	EEHZA1V220R	

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HX	125	10	47	40	EEFHX1A470R	POSCAP TDC	D2	125	16	100	50	16TDC100MYF
						OS-CON SVPD	C6	125	10	56	45	10SVPD56M
						Hybrid ZC	D	125	25	47	50	EEHZC1E470P
	125	10	68	40	EEFHX1A680R	POSCAP TDC	D2	125	16	100	50	16TDC100MYF
						OS-CON SVPK	B6	125	20	68	30	20SVPK68M
						Hybrid ZC	D8	125	25	68	30	EEHZC1E680XP
	125	10	100	40	EEFHX1A101R	POSCAP TDC	D2	125	16	100	50	16TDC100MYF
						POSCAP TCF	D3L	105	10	150	15	10TCF150ML
						OS-CON SVPK	B6	125	16	100	27	16SVPK100M
	125	16	15	40	EEFHX1C150R	Hybrid ZC	D8	125	25	100	30	EEHZC1E101XP
						POSCAP TDC	D2	125	16	100	50	16TDC100MYF
						POSCAP TDC	B2	125	16	33	90	16TDC33MYFB
	125	16	22	40	EEFHX1C220R	Hybrid ZC	C	125	25	22	80	EEHZC1E220R
						POSCAP TDC	D2	125	16	100	50	16TDC100MYF
						POSCAP TDC	B2	125	16	33	90	16TDC33MYFB
	125	16	33	40	EEFHX1C330R	OS-CON SVPK	B6	125	35	22	35	35SVPK22M
						Hybrid ZC	C	125	25	22	80	EEHZC1E220R
						POSCAP TDC	D2	125	16	100	50	16TDC100MYF
	125	16	47	40	EEFHX1C470R	POSCAP TDC	B2	125	16	33	90	16TDC33MYFB
						OS-CON SVPK	B6	125	25	33	35	25SVPK33M
						Hybrid ZC	C	125	25	33	80	EEHZC1E330R
	125	16	68	40	EEFHX1C680R	POSCAP TDC	D2	125	16	100	50	16TDC100MYF
						OS-CON SVF	B6	125	16	82	27	16SVF82M
						Hybrid ZC	D8	125	25	68	30	EEHZC1E680XP
	125	20	22	40	EEFHX1D220R	OS-CON SVPK	B6	125	35	22	35	35SVPK22M
						Hybrid ZC	C	125	25	22	80	EEHZC1E220R
						POSCAP TDC	B2	125	20	22	90	20TDC22MYFB
	125	20	33	40	EEFHX1D330R	OS-CON SVPK	B6	125	25	33	35	25SVPK33M
						Hybrid ZC	C	125	25	33	80	EEHZC1E330R
	125	20	47	40	EEFHX1D470R	OS-CON SVPK	C6	125	35	47	27	35SVPK47M
						Hybrid ZC	D	125	25	47	50	EEHZC1E470P
	125	20	56	40	EEFHX1D560R	OS-CON SVF	B6	125	20	56	30	20SVF56M
						Hybrid ZC	D	125	25	56	50	EEHZC1E560P
	125	25	15	40	EEFHX1E150R	POSCAP TDC	D3L	125	25	68	70	25TDC68MYF
						POSCAP TDC	B2	125	25	15	100	25TDC15MYFB
						OS-CON SPF	B6	125	25	27	40	25SVF27M
						Hybrid ZC	C	125	25	22	80	EEHZC1E220R
	125	25	22	40	EEFHX1E220R	POSCAP TDC	D3L	125	25	68	70	25TDC68MYF
						OS-CON SVF	B6	125	25	27	40	25SVF27M
						Hybrid ZC	C	125	25	22	80	EEHZC1E220R
	125	25	33	40	EEFHX1E330R	POSCAP TDC	D3L	125	25	68	70	25TDC68MYF
						OS-CON SVPK	B6	125	25	33	35	25SVPK33M
Hybrid ZC						C	125	25	33	80	EEHZC1E330R	