

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.

Cate-gory Case-gory Case		Non	-recom	mende	d part n	umber			Replac	em <u>ent</u>	part n <u>u</u>	mb <u>er</u>	
105 10	Series	Cate-gory temp. range max.	Rated voltage	Capaci- tance	ESR		Series		Cate-gory temp. range max.	Rated voltage	Capaci- tance	ESR	Part number
105													16TQC33MYFS
OS-CON SVP CS 105 10 47 30 105VF27M		105	10	47	40	FFFCS1A470R							
105			.0										
105							,						
Hybrid ZA		105	40	15	40	EEFCS1C150R							
105			10	13	40			_					
105													
105		105	16	22	40	EEFCS1C220R							
105							Hybrid ZA	С	105	25	22	80	EEHZA1E220R
Hybrid ZA							POSCAP TQC	D12	105	16	33	40	16TQC33MYFS
CS 105 20 10 40 EEFCS1D100R POSCAP TOC D15 105 20 47 55 20T0C4TMYFT CSCAPN YEAR POSCAP TOC D15 105 20 10 40 20SVPA10M POSCAP TOC D15 105 20 47 55 20T0C4TMYFT CSCAPN YEAR POSCAP TOC D15 105 20 47 55 20T0C4TMYFT CSCAPN YEAR POSCAP TOC D15 105 20 47 55 20T0C4TMYFT CSCAPN YEAR POSCAP TOC D15 105 20 47 55 20SVPB15M POSCAP TOC D15 D16 D1		105	16	33	40	EEFCS1C330R	OS-CON SVPC		105	16	39	27	16SVPC39MV
105 20 10 40 EEFCS1D100R CS-CON SVPA B6 105 20 10 40 20SVPA10M					<u> </u>								
CS 105 20 15 40 EEFCS1D150R OS-CON SVPB C5 105 20 47 55 20TQC47MYFT 106 20 22 40 EEFCS1D20R OS-CON SVPB C5 105 20 47 55 20TQC47MYFT 107 20 22 40 EEFCS1D20R OS-CON SVPB C5 105 20 47 55 20TQC47MYFT 108 20 22 40 EEFCS1D20R OS-CON SVPB C5 105 20 47 55 20TQC47MYFT 109 25 10 40 EEFCS1D20R OS-CON SVPB C6 105 20 22 35 20TQC47MYFT 109 25 10 40 EEFCS1E100R OS-CON SVPB C6 105 20 22 35 20TQC47MYFT 109 25 10 40 EEFCS1E100R OS-CON SVPB C6 105 25 22 80 EEHZA1E220R 109 25 10 40 EEFCS1E100R OS-CON SVPB C6 125 25 10 65 25 22 70 25TQC22MYFT 100 25 15 40 EEFCS1E100R OS-CON SVPD C6 125 25 10 65 25 20 70 25TQC22MYFT 100 25 15 40 EEFCS1E150R OS-CON SVPD C6 125 25 10 65 25 20 70 25TQC22MYFT 100 25 15 40 EEFCS1E150R OS-CON SVPD C6 125 25 10 65 25 20 70 25TQC22MYFT 100 25 15 40 EEFCS1E150R OS-CON SVPD C6 125 25 10 65 25 20 70 25TQC22MYFT 100 25 15 40 EEFCS1E150R OS-CON SVPD C6 125 25 10 65 25 20 70 25TQC22MYFT 100 25 15 40 EEFCS1E150R OS-CON SVPD C6 125 25 10 65 25 10 65 25 20 70 25TQC22MYFT 100 25 15 40 EEFCS1E150R OS-CON SVPD C6 125 25 10 65 25 10 65 25 10 65 25 20 70 25TQC22MYFT 100 25 15 40 EEFCS1E150R OS-CON SVPD B45 105 25 15 45 25TQC15MY 100 25 15 45 25TQC15MY 100 25 15 45 25TQC15MY 100 25 20 35 35SSVPK2DM 100 40 EEFCS1V100R OS-CON SVPC B6 125 35 10 100 EEHZA1V100R 100 40 EEFCS1V100R OS-CON SVPC B6 125 35 20 35 3SSSVPK2DM 100 40 EEFCS1V100R OS-CON SVPC B6 105 10 68 25 10 10 100 EEHZA1V100R 100 5 16 47 40 EEFCT1A880R OS-CON SVPC B6 105 10 68 25 10 10 100 EEHZA1V100R 100 5 16 47 40 EEFCT1D330R OS-CON SVPC B6 105 105 25 47 50 EEHZA1E230R 100 5 20 33 40 EEFCT1D330R OS-CON SVPC B6 105 25 47 50 EEHZA1E30R 100 5 20 47 40 EEFCT1D330R OS-CON SVPC B45 105 105 25 47 50 EEHZA1E30R 100 5 20 47 40 EEFCT1D370R OS-CON SVPC B45 105 105 25 47 50 EEHZA1E30R 100 5 20 47 40 EEFCT1D370R OS-CON SVPC B45 105 105 25 47 50 EEHZA1E30R 100 5 20 47 40 EEFCT1D370R OS-CON SVPC B45 105 105 25 47 50 EEHZA1E30R 100 5 20 5 20 50 50 50 50 50 50 50 50 50 50						EEFCS1D100R							
POSCAP TOC D15		105	20	10	40								
105 20 15 40 EEFCS1D150R OS-CON SVPB C5 105 20 15 45 20SVPB15M Hybrid ZA C 105 25 22 80 EERZA1E220R SOSCON SVPA C6 105 20 22 40 EEFCS1D20R OS-CON SVPA C6 105 20 22 35 20SVPA22M OS-CON SVPA C6 105 25 22 36 EERZA1E220R OS-CON SVPA C6 125 25 10 65 25 25 20 20 20 20 20 2	CS						,						
Hybrid ZA	CS	105	20	15	40	EEFCS1D150R							
105 20 22 40 EEFCS1D20R POSCAP TOC D15 105 20 47 55 20TOC47MYFT		100	20	13									
105 20 22 40 EEFCS1D220R OS-CON SVPA C6 105 20 22 35 20SVPA2ZM OS-CON SVPA			20	22	40	EEFCS1D220R							
105 25		105											
105 25							Hybrid ZA	С	105	25	22	80	EEHZA1E220R
105 25 10 40 EEFCS1E100R OS-CON SVPD C6 125 25 10 65 25SVPD10M		105	25		40	EEFCS1E100R	POSCAP TQC	D15	105	25	22	70	25TQC22MYFT
OS-CON SVPD C6				10									
105 25 15 40 EEFCS1E150R POSCAP TQC D15 105 25 22 70 25TQC22MYFT										-	-		
105 25 15 40 EEFCS1E150R POSCAP TQC D2 105 25 15 45 25TQC15MV													
105		105	25	15		EEFCS1E150R							
Hybrid ZA					40								
105 35 10 40 EEFCS1V100R POSCAP TQC D2 105 35 10 120 35TQC10MYF													
105 35 10 40 EEFCS1V100R OS-CON SVPK B6 125 35 22 35 35SVPK22M		105	35		40	EEFCS1V100R							
105 10 68 40 EEFCT1A680R POSCAP TQC D15 105 16 47 55 16TQC47MYFT				10									
105 10 68 40 EEFCT1A680R POSCAP TPE D2E 105 10 68 25 10TPE68M							Hybrid ZA	С	105	35	10	100	EEHZA1V100R
105 10 68 40 EEFCT1A680R OS-CON SVPC B6 105 10 68 30 10SVPC66M		105	05 10				POSCAP TQC	D15	105	16	47	55	16TQC47MYFT
Hybrid ZA					40	EEFCT1A680R	POSCAP TPE						<u>10TPE68M</u>
Hybrid ZA				68									
TO THE POSCAP TQC D15 105 16 47 55 16TQC47MYFT 105 16 47 40 EEFCT1C470R EEFCT1C470R EEFCT1C470R EEFCT1C470R EEFCT1D330R OS-CON SVPG B45 105 16 47 25 16SVPG47M Hybrid ZA D 105 25 47 50 EEHZA1E470P POSCAP TQC D15 105 20 47 55 20TQC47MYFT OS-CON SVPG B45 105 20 33 27 20SVPG33M Hybrid ZA C 105 25 33 80 EEHZA1E330R POSCAP TQC D15 105 20 47 55 20TQC47MYFT OS-CON SVPG B45 105 20 47 55 20TQC47MYFT OS-CON SVPF C6 105 25 47 30 25SVPF47M Hybrid ZA D 105 25 47 30 25SVPF47M Hybrid ZA D 105 25 47 50 EEHZA1E470P POSCAP TQC D15 105 25 22 70 25TQC22MYFT POSCAP TQC D2 105 25 22 45 25TQC22MY OS-CON SVPF B6 105 25 27 40 25SVPF27MX Hybrid ZA C 105 25 22 80 EEHZA1E220R POSCAP TQC D2 105 35 15 150 35TQC15MYF OS-CON SVPK B6 125 35 22 35 35SVPK22M							_						
The state of the s							•						
The state of the s		105	5 16	47	40	EEECT1C470D							
CT 105					40	EEFC11C4/0R							
CT													
CT	СТ	105	5 20	33	40	EEFCT1D330R							
105 20 47 40 EEFCT1D470R OS-CON SVPF C6 105 25 47 30 25SVPF47M Hybrid ZA D 105 25 47 50 EEHZA1E470P POSCAP TQC D15 105 25 22 70 25TQC22MYFT POSCAP TQC D2 105 25 22 45 25TQC22MV OS-CON SVPF B6 105 25 22 45 25TQC22MV Hybrid ZA C 105 25 22 80 EEHZA1E220R POSCAP TQC D2 105 35 15 150 35TQC15MYF POSCAP TQC D2 105 35 25 22 80 SEHZA1E220R POSCAP TQC D2 105 35 25 22 80 SEHZA1E220R POSCAP TQC D2 105 35 15 150 35TQC15MYF OS-CON SVPK B6 125 35 22 35 35SVPK22M						5500010							
Hybrid ZA		105	20	20 47	7 40	EEFCT1D470R	POSCAP TQC	D15	105	20	47	55	20TQC47MYFT
105 25 22 40 EEFCT1E220R POSCAP TQC D15 105 25 22 70 25TQC22MYFT							OS-CON SVPF	C6	105	25	47	30	25SVPF47M
105 25 22 40 EEFCT1E220R POSCAP TQC D2 105 25 22 45 25TQC22MV OS-CON SVPF B6 105 25 27 40 25SVPF27MX Hybrid ZA C 105 25 22 80 EEHZA1E220R 105 35 15 40 EEFCT1V150R OS-CON SVPK B6 125 35 22 35 35SVPK22M													
105 25 22 40 EEFC11E220R OS-CON SVPF B6 105 25 27 40 25SVPF27MX Hybrid ZA C 105 25 22 80 EEHZA1E220R POSCAP TQC D2 105 35 15 150 35TQC15MYF 105 35 15 40 EEFCT1V150R OS-CON SVPK B6 125 35 22 35 35SVPK22M		105	25		22 40	EEFCT1E220R							
OS-CON SVPF B6 105 25 27 40 25SVPF27MX Hybrid ZA C 105 25 22 80 EEHZA1E220R POSCAP TQC D2 105 35 15 150 35TQC15MYF 105 35 15 40 EEFCT1V150R OS-CON SVPK B6 125 35 22 35 35SVPK22M				5 22									
POSCAP TQC D2 105 35 15 150 35TQC15MYF 105 35 15 40 EEFCT1V150R OS-CON SVPK B6 125 35 22 35 35SVPK22M													
105 35 15 40 EEFCT1V150R OS-CON SVPK B6 125 35 22 35 <u>35SVPK22M</u>							•						
		105	35	15	40	EEFCT1V150R							
							Hybrid ZA						EEHZA1V220R



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	Non-recommended part number					Replacement part number						
Series	Cate-gory temp. range max. (℃)	Rated voltage (V)	Capaci- tance (µF)	ESR (mΩ)	Part number	Series	Size code	Cate-gory temp. range max. (℃)	Rated voltage (V)	Capaci- tance (µF)	ESR (mΩ)	Part number
						POSCAP TPC	D2	105	10	100	45	10TPC100M
	105	10	100	40	EEFCX1A101R	OS-CON SVPC	C6	105	10	120	22	10SVPC120MV
						Hybrid ZA	D8	105	25	100	30	EEHZA1E101XP
						POSCAP TPE POSCAP TPE	D2E B2	105 85	10	68 47	25 35	10TPE68M 10TPE47MAZB
	105	10	47	40	EEFCX1A470R	OS-CON SVP	C6	105	10	47	50	10SVP47M
						Hybrid ZA	D	105	25	47	50	EEHZA1E470P
						POSCAP TPE	D2E	105	10	68	25	10TPE68M
						POSCAP TQC	D2	105	16	68	50	16TQC68MYF
	105	10	68	40	EEFCX1A680R	OS-CON SVPC	В6	105	10	68	23	10SVPC68MV
						Hybrid ZA	D8	105	25	68	30	EEHZA1E680XP
						Hybrid ZA	D8	105	35	68	35	EEHZA1V680XP
						POSCAP TQC	D2	105	16	47	40	16TQC47MW
	105	16	15	40	EEFCX1C150R	POSCAP TQC OS-CON SVP	B2 B6	105 105	16 16	15 22	90 90	16TQC15M 16SVP22M
						Hybrid ZA	С	105	25	22	80	EEHZA1E220R
						POSCAP TQC	D2	105	16	47	40	16TQC47MW
	405	4.0		40	===0\/.0000B	POSCAP TQC	B2	105	16	22	90	16TQC22MYFB
	105	16	22	40	EEFCX1C220R	OS-CON SVP	В6	105	16	22	90	16SVP22M
						Hybrid ZA	С	105	25	22	80	EEHZA1E220R
						POSCAP TQC	D2	105	16	47	40	16TQC47MW
	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	POSCAP TQC OS-CON SVPG	D2 B45	105 105	16 16	47 47	40 25	16TQC47MW 16SVPG47M
						Hybrid ZA	D D	105	25	47	50	EEHZA1E470P
						POSCAP TQC	D2	105	16	68	50	16TQC68MYF
	105	16		40	EEFCX1C680R	POSCAP TQC	D2	105	16	100	50	16TQC100MYF
			68			OS-CON SVPC	C6	105	16	68	25	16SVPC68MV
CX						Hybrid ZA	D8 D8	105 105	25 35	68 68	30 35	EEHZA1E680XP EEHZA1V680XP
						Hybrid ZA POSCAP TQC	D0 D2	105	20	33	60	20TQC33MYFD
	105	20		40	EEFCX1D220R	POSCAP TQC	B2	105	20	22	90	20TQC22MYFB
			22			OS-CON SVPA	C6	105	20	22	35	20SVPA22M
						Hybrid ZA	С	105	25	22	80	EEHZA1E220R
					EEFCX1D330R	POSCAP TQC	D2	105	20	33	60	20TQC33MYFD
	105	20	33	40		POSCAP TQC	D2	105	20	47	55	20TQC47MYF
						OS-CON SVPG	B45 C	105 105	20 25	33 33	27 80	20SVPG33M
						Hybrid ZA POSCAP TQC	D15	105	20	47	55	EEHZA1E330R 20TQC47MYFT
	105	20	47	40	EEFCX1D470R	OS-CON SVPF	C6	105	25	47	30	25SVPF47M
						Hybrid ZA	D	105	25	47	50	EEHZA1E470P
				56 40	EEFCX1D560R	POSCAP TQC	D2	105	20	100	100	20TQC100MD2
	105	20	56			OS-CON SVPF	B6	105	20	56	30	20SVPF56MX
						Hybrid ZA	С	105	25	56	50	EEHZA1E560P
	105					POSCAP TQC	D2	105	25	15	45	25TQC15MV
				40	EEFCX1E150R	POSCAP TQC OS-CON SVPF	B2 B45	105 105	25 25	15 15	100 30	25TQC15MYFB 25SVPG15M
						Hybrid ZA	C	105	25	22	80	EEHZA1E220R
						POSCAP TQC	D2	105	25	22	45	25TQC22MV
					EEFCX1E220R	OS-CON SVPF	B6	105	25	27	40	25SVPF27MX
						Hybrid ZA	С	105	25	22	80	EEHZA1E220R
	105		25 33 35 15 35 22	40	EEFCX1V150R EEFCX1V220R	POSCAP TQC	D2	105	25	33	60	25TQC33MYF
		25				OS-CON SVPK	B6	125	25	33	35	25SVPK33M
						Hybrid ZA	С	105	25	33	80	EEHZA1E330R
	405					POSCAP TQC	D2	105	35	15	150	35TQC15MYF
	105					OS-CON SVPK	B6 C	125 105	35 35	22	35	35SVPK22M
						Hybrid ZA POSCAP TQC	D2	105	35 35	22 15	100 150	EEHZA1V220R 35TQC15MYF
	105					OS-CON SVPK	B6	125	35	22	35	35SVPK22M
				.		Hybrid ZA	C	105	35	22	100	EEHZA1V220R
		1				, -	-			1		



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	Non	-recom	mende	d part n	umber			Replac	ement	part nui	mber	
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. (℃)	Rated voltage (V)	Capaci- tance (µF)	ESR (mΩ)	Part number
						POSCAP TDC	D2	125	16	100	50	16TDC100MYF
	125	10	47	40	EEFHX1A470R	POSCAP THC	D2	105	10	68	45	10THC68M
	123	10	47	40	LLI IIX IA47 UK	OS-CON SVPD	C6	125	10	56	45	10SVPD56M
						Hybrid ZC	D	125	25	47	50	EEHZC1E470P
						POSCAP TDC	D2	125	16	100	50	16TDC100MYF
	125	10	68	40	EEFHX1A680R	POSCAP THC	D2	105	10	68	45	10THC68M
	120	10	00	40	LLITIXINOOOK	OS-CON SVPK	B6	125	20	68	30	20SVPK68M
						Hybrid ZC	D8	125	25	68	30	EEHZC1E680XP
						POSCAP TDC	D2	125	16	100	50	16TDC100MYF
	125	10	100	40	EEFHX1A101R	POSCAP TCF	D3L	105	10	150	15	10TCF150ML
	120	10	100	40	LLITIXIIXII	OS-CON SVPK	B6	125	16	100	27	16SVPK100M
						Hybrid ZC	D8	125	25	100	30	EEHZC1E101XP
						POSCAP TDC	D2	125	16	100	50	16TDC100MYF
	125	16	15	40	EEFHX1C150R	POSCAP TDC	B2	125	16	33	90	16TDC33MYFB
						Hybrid ZC	С	125	25	22	80	EEHZC1E220R
		16		40	EEFHX1C220R	POSCAP TDC	D2	125	16	100	50	16TDC100MYF
	125		22			POSCAP TDC	B2	125	16	33	90	16TDC33MYFB
	123					OS-CON SVPK	B6	125	35	22	35	35SVPK22M
						Hybrid ZC	С	125	25	22	80	EEHZC1E220R
	125	16			EEFHX1C330R	POSCAP TDC	D2	125	16	100	50	16TDC100MYF
			33	40		POSCAP TDC	B2	125	16	33	90	16TDC33MYFB
			33	40		OS-CON SVPK	B6	125	25	33	35	25SVPK33M
						Hybrid ZC	С	125	25	33	80	EEHZC1E330R
HX	125	16			EEFHX1C470R	POSCAP TDC	D2	125	16	100	50	16TDC100MYF
			47	40		OS-CON SVPK	C6	125	35	47	27	35SVPK47M
						Hybrid ZC	D	125	25	47	50	EEHZC1E470P
						POSCAP TDC	D2	125	16	100	50	16TDC100MYF
	125	16	68	40	EEFHX1C680R	OS-CON SVF	B6	125	16	82	27	16SVF82M
						Hybrid ZC	D8	125	25	68	30	EEHZC1E680XP
	125	20			EEFHX1D220R	POSCAP TDC	B2	125	20	22	90	20TDC22MYFB
			22	40		OS-CON SVPK	B6	125	35	22	35	35SVPK22M
						Hybrid ZC	С	125	25	22	80	EEHZC1E220R
	125 125		33	40	EEFHX1D330R	OS-CON SVPK	B6	125	25	33	35	25SVPK33M
						Hybrid ZC	С	125	25	33	80	EEHZC1E330R
			20 47	47	40	EEFHX1D470R	OS-CON SVPK	C6	125	35	47	27
				,0	LLI IIXID470R	Hybrid ZC	D	125	25	47	50	EEHZC1E470P
	125	5 20	56	40	EEFHX1D560R	OS-CON SVF	B6	125	20	56	30	20SVF56M
					LLI IIXIDOUX	Hybrid ZC	D	125	25	56	50	EEHZC1E560P
	125	25	25 15	5 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	С	125	25	22	80	EEHZC1E220R
	125	25		40	EEFHX1E220R	POSCAP TDC	D3L	125	25	68	70	25TDC68MYF
			22			OS-CON SVF	В6	125	25	27	40	25SVF27M
						Hybrid ZC	С	125	25	22	80	EEHZC1E220R
	125	25			EEFHX1E330R	POSCAP TDC	D3L	125	25	68	70	25TDC68MYF
			25 33	40		OS-CON SVPK	B6	125	25	33	35	25SVPK33M
						Hybrid ZC	С	125	25	33	80	EEHZC1E330R