



Not Recommended for New Design: TQC, TPG, TPC, THC, TPF, TPE Series POSCAP™ Conductive Polymer Tantalum Solid Capacitors

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About This Notice:	Various part numbers from the TQC, TPG, TPC, THC, TPF and TPE Series POSCAP™ Conductive Polymer Tantalum Solid Capacitors are now designated Not Recommended For New Design by Panasonic.
Effective Date:	Immediate.
Affected Parts and/ or Replacements:	See Attached.
Datasheet(s):	See Attached.
Notes:	See attached for recommended replacement parts.

Affected Part Number	Replacement Part Number	Series	Rated voltage (V)	Rated temp. (°C)	Category voltage (V)	Category voltage (°C)	Rated capacitance (µF)	Case size(mm)			Size code	Specifications				Standard	Floor life		
								L	W	H		Ripple current *1 (mAms)	ESR *2 (mΩ max.)	tanδ*3	LC*4 (µA)		Min.Packing Qty (pcs)	Reflow temp. ≦260°C	Reflow temp. ≦250°C
35TQC10M		TQC	35	105	35	105	10	7.3	4.3	1.9	D2	1400	120	0.1	35	3000	-	3	
	35TQC10MYF	TQC	35	105	35	105	10	7.3	4.3	1.9	D2	1400	120	0.1	35	3000	-	3	
10TPG47M		TPG	10	85	8	105	47	3.5	2.8	1.1	B1G	1000	70	0.1	47	2500	-	3	
	10TPE47MAZB	TPE	10	85	8	105	47	3.5	2.8	1.9	B2	1400	35	0.08	47	2000	-	3	
12TPG33M		TPG	12.5	85	10	105	33	3.5	2.8	1.1	B1G	1000	70	0.1	41.3	2500	-	3	
	16TQC33MYFB	TQC	16	105	16	105	33	3.5	2.8	1.9	B2	1000	90	0.1	158.4	2000	-	3	
6TPC47M		TPC	6.3	85	5	105	47	3.5	2.8	1.1	B1	1100	55	0.1	29.6	3000	-	3	
	6TPS150MUD	TPS	6.3	105	6.3	105	150	3.5	2.8	1.1	B15	1400	30	0.1	94.5	2500	-	3	
6TPC47MB		TPC	6.3	85	5	105	47	3.5	2.8	1.1	B1	1000	70	0.1	29.6	3000	-	3	
	10TPE47MAZB	TPE	10	85	8	105	47	3.5	2.8	1.9	B2	1400	35	0.08	47	2000	-	3	
6TPC100M		TPC	6.3	105	6.3	105	100	7.3	4.3	1.9	D2	1700	45	0.1	63	3000	-	3 2a	
	6TPE100MW	TPE	6.3	105	6.3	105	100	7.3	4.3	1.9	D2	1850	40	0.1	63	3000	-	3 2a	
6TPC150M		TPC	6.3	105	6.3	105	150	7.3	4.3	1.9	D2	1900	40	0.1	94.5	3000	-	3 2a	
	6TPE150M	TPE	6.3	105	6.3	105	150	7.3	4.3	1.8	D2E	2400	25	0.1	94.5	3000	-	3 2a	
6THC150M		THC	6.3	105	4	125	150	7.3	4.3	1.9	D2	1900	40	0.1	94.5	3000	-	5	
	6TCE150M	TCE	6.3	105	5	125	150	7.3	4.3	1.8	D2E	2400	25	0.1	94.5	3000	-	3 2a	
6TPC330MA		TPC	6.3	85	5	105	330	7.3	4.3	1.9	D2	1900	40	0.1	207.9	3000	-	3 2a	
	6TPE330MAP	TPE	6.3	85	5	105	330	7.3	4.3	1.8	D2E	2400	25	0.1	207.9	3000	-	3 2a	
8TPC22M		TPC	8	85	6.3	105	22	3.5	2.8	1.1	B1	1000	70	0.1	17.6	3000	-	3	
	20TQC22MYFB	TQC	20	105	20	105	22	3.5	2.8	1.9	B2	1000	90	0.1	132	2000	-	3	
8TPC150M		TPC	8	105	8	105	150	7.3	4.3	1.9	D2	1900	40	0.1	120	3000	-	3 2a	
	10TPE150MPL	TPE	10	105	10	105	150	7.3	4.3	2.8	D3L	2400	25	0.1	150	2500	-	3	
12TPC10M		TPC	12.5	85	10	105	10	3.5	2.8	1.1	B1	800	80	0.1	12.5	3000	-	3	
	16TQC10M	TQC	16	105	16	105	10	3.5	2.8	1.9	B2	800	100	0.1	48	2000	-	3	
12TPC15M		TPC	12.5	85	10	105	15	3.5	2.8	1.1	B1	800	80	0.1	18.8	3000	-	3	
	16TQC15M	TQC	16	105	16	105	15	3.5	2.8	1.9	B2	1000	90	0.1	72	2000	-	3	
2TPF220M6		TPF	2	105	2	105	220	7.3	4.3	1.8	D2E	4700	6	0.1	88	3000	-	2a	
	ETPSF270M6E	TPSF	2.5	105	2.5	105	270	3.5	2.8	1.9	B25	3200	6/500KHz	0.08	108	2000	-	3	
2TPF330M6		TPF	2	105	2	105	330	7.3	4.3	1.8	D2E	4700	6	0.1	132	3000	-	2a	
	ETPSF270M6E	TPSF	2.5	105	2.5	105	270	3.5	2.8	1.9	B25	3200	6/500KHz	0.08	108	2000	-	3	
6TPE470MAZU		TPE	6.3	85	5	105	470	7.3	4.3	1.4	D15E	1700	35	0.1	296.1	4000	-	3 2a	
	6TPE470M	TPE	6.3	105	6.3	105	470	7.3	4.3	3.8	D4	3000	25	0.15	296.1	2000	-	3 2a	