



Not Recommended for New Design: Partial Part Numbers TPE and TPG Series POSCAP™ Conductive Polymer Tantalum Solid Capacitors

PCN.PG91.11.19.2021

11.19.2021

About This Notice:	Various part numbers from the TPE and TPG Series 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:	

Panasonic NRFND.PG91.11.19.2021 Affected Parts

Affected Series	Affected Part Numbers
TPG	2R5TPG220M
TPG	2R5TPG220MUG
TPG	4TPG220M
TPG	6TPG100M
TPG	6TPG100MG
TPG	6TPG100MZGD
TPG	6TPG150M
TPG	6TPG150MZG
TPG	8TPG47M
TPE	6TPE330MAL
TPE	2TPE330MFB
TPE	2TPE330MAFB
TPE	2TPE330MADGB
TPE	ETPE330MAFB

Recommended Replacement

NRFND 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 Min.Packing Qty (pcs)	Floor life	
								L	W	H		Ripple current ※1 (mAms)	ESR ※2 (mΩ max.)	tanδ※3	LC※4 (μA)		Reflow temp. ≤260°C	Reflow temp. ≤250°C
2R5TPG220M	ETPS220MUD	TPG	2.5	85	2	105	220	3.5	2.8	1.1	B1G	1000	70	0.10	55	2500	3	3
		TPS	2.5	105	2.5	105	220	3.5	2.8	1.1	B1S	1400	30	0.10	55	2500	3	3
2R5TPG220MUG	ETPS220MUD	TPG	2.5	85	2	105	220	3.5	2.8	1.4	B15G	1400	30/300kHz	0.10	110	2500	3	3
		TPS	2.5	105	2.5	105	220	3.5	2.8	1.1	B1S	1400	30	0.1	55	2500	3	3
4TPG220M	4TPS220MUD	TPG	4	85	3.2	105	220	3.5	2.8	1.4	B15G	1000	70	0.10	88	2500	3	3
		TPS	4	105	4	105	220	3.5	2.8	1.1	B1S	1400	30	0.10	88	2500	3	3
6TPG100M	6TPS150MUD	TPG	6.3	85	5	105	100	3.5	2.8	1.1	B1G	1000	70	0.10	63	2500	3	3
		TPS	6.3	105	6.3	105	150	3.5	2.8	1.1	B1S	1400	30	0.10	94.5	2500	3	3
6TPG100MG	6TPS150MUD	TPG	6.3	85	5	105	100	3.5	2.8	1.1	B1G	1000	55	0.10	63	2500	3	3
		TPS	6.3	105	6.3	105	150	3.5	2.8	1.1	B1S	1400	30	0.1	94.5	2500	3	3
6TPG100MZGD	6TPS150MUD	TPG	6.3	85	5	105	100	3.5	2.8	1.1	B1G	1200	35/300kHz	0.10	126	2500	3	3
		TPS	6.3	105	6.3	105	150	3.5	2.8	1.1	B1S	1400	30	0.1	94.5	2500	3	3
6TPG150M	6TPS150MUD	TPG	6.3	85	5	105	150	3.5	2.8	1.4	B15G	1000	70	0.10	94.5	2500	3	3
		TPS	6.3	105	6.3	105	150	3.5	2.8	1.1	B1S	1400	30	0.1	94.5	2500	3	3
6TPG150MZG	6TPS150MUD	TPG	6.3	85	5	105	150	3.5	2.8	1.4	B15G	1200	35/300kHz	0.10	189	2500	3	3
		TPS	6.3	105	6.3	105	150	3.5	2.8	1.1	B1S	1400	30	0.1	94.5	2500	3	3
8TPG47M	10TPG47M	TPG	8	85	6.3	105	47	3.5	2.8	1.1	B1G	1000	70	0.10	37.6	2500	3	3
		TPG	10	85	8	105	47	3.5	2.8	1.1	B1G	1000	70	0.10	47.0	2500	3	3
6TPE330MAL	6TPE330ML	TPE	6.3	85	5	105	330	7.3	4.3	2.8	D3L	2400	25	0.10	207.9	2500	3	2a
		TPE	6.3	105	6.3	105	330	7.3	4.3	2.8	D3L	2400	25	0.10	207.9	2500	3	2a
2TPE330MFB	ETPE330MFB	TPE	2	105	2	105	330	3.5	2.8	1.9	B2E	2000	15	0.08	132	2000	3	3
		TPE	2.5	105	2.5	105	330	3.5	2.8	1.9	B2E	2700	15	0.08	165	2000	3	3
2TPE330MAFB	ETPE330MFB	TPE	2	85	1.8	105	330	3.5	2.8	1.9	B2E	2000	15	0.08	132	2000	3	3
		TPE	2.5	105	2.5	105	330	3.5	2.8	1.9	B2E	2700	15	0.08	165	2000	3	3
2TPE330MADGB	ETPE330M9GB	TPE	2	85	1.8	105	330	3.5	2.8	1.9	B2E	2000	13/300kHz	0.08	132	2000	3	3
		TPE	2.5	105	2.5	105	330	3.5	2.8	1.9	B2E	3200	9/300kHz	0.08	165	2000	3	3
ETPE330MAFB	ETPE330MFB	TPE	2.5	85	2	105	330	3.5	2.8	1.9	B2E	2700	15	0.08	165	2000	3	3
		TPE	2.5	105	2.5	105	330	3.5	2.8	1.9	B2E	2700	15	0.08	165	2000	3	3

※1 : Ripple current(100kHz/+45°C)
 ※2 : ESR(100kHz/+20°C)
 ※3 : tanδ(120Hz/+20°C)
 ※4 : After 5 minutes