

Date 26/OCT/2021

Dear Valued Customer,

Notice of "Not Recommended for New Designs"

We appreciated your continued patronage and interest in Panasonic's Products. This is Notice to inform you of NRFND as below.

[Detail]

About this Notice	Conductive Polymer Tantalum Solid Capacitors TPE/TPG series are not recommended for new designs.
Affected Models	See attached file
Effective date	Immediate
Replacements	See attached file
Reason of NRND	We will improve production efficiency by integrating with the upward compatible part number of POSCAP. Also, the production capacity of TPS series is higher than that of TPG series.



Fujii Tatsuo
President
Panasonic Industrial Devices Saga Co.,Ltd
Device Solutions Business Division
Industry Company
Panasonic Corporation



Masaki Yoshino
Department Director
Strategic Marketing Department
Device Solutions Business Division
Industry Company
Panasonic Corporation

Affected model	Replacement model	Product name
2R5TPG220M	ETPS220MUD	Our replacement model Conductive Polymer Tantalum Solid Capacitors
2R5TPG220MUG	ETPS220MUD	Our replacement model Conductive Polymer Tantalum Solid Capacitors
4TPG220M	4TPS220MUD	Our replacement model Conductive Polymer Tantalum Solid Capacitors
6TPG100M	6TPS150MUD	Our replacement model Conductive Polymer Tantalum Solid Capacitors
6TPG100MG	6TPS150MUD	Our replacement model Conductive Polymer Tantalum Solid Capacitors
6TPG100MZGD	6TPS150MUD	Our replacement model Conductive Polymer Tantalum Solid Capacitors
6TPG150M	6TPS150MUD	Our replacement model Conductive Polymer Tantalum Solid Capacitors
6TPG150MZG	6TPS150MUD	Our replacement model Conductive Polymer Tantalum Solid Capacitors
8TPG47M	10TPG47M	Our replacement model Conductive Polymer Tantalum Solid Capacitors
6TPE330MAL	6TPE330ML	Our replacement model Conductive Polymer Tantalum Solid Capacitors
2TPE330MFB	ETPE330MFB	Our replacement model Conductive Polymer Tantalum Solid Capacitors
2TPE330MAFB	ETPE330MFB	Our replacement model Conductive Polymer Tantalum Solid Capacitors
2TPE330MADGB	ETPE330M5GB	Our replacement model Conductive Polymer Tantalum Solid Capacitors
ETPE330MFB	ETPE330MFB	Our replacement model Conductive Polymer Tantalum Solid Capacitors

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 (mA rms)	ESR ※2 (mΩ max.)	tanδ※3	LC ※4 (µA)		Min. Packing Qty (pcs)	Reflow temp. ±250°C
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
TPG	2.5	85	2	105	220	3.5	2.8	1.4	B15G	1400		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
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
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
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
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
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
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
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
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
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
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
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
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(120kHz/+20°C)
 ※4: After 5 minutes