

Product Change Notice: Revision to POSCAP Surge Voltage Rating

Product Group #: PG91

DATE: 07.27.2026

About This Notice:	For 10V rated POSCAP products, the surge voltage guarantee value will be revised from 13V to 12V. The surge voltage guarantee value will change from the previous standard of rated voltage $\times$ 1.3 (13V) based on IEC 60384-3 for MnO ₂ tantalum capacitors to rated voltage $\times$ 1.15 (12V) according to the newer IEC 60384-24 standard specific to polymer tantalum capacitors, aligning with JIS standards. This is a specification standardization only and does not involve any change to product design, materials, or manufacturing process.
Effective Date:	08.01.2026
Change Details:	Revision of Surge Voltage Guarantee Value Before: Rated voltage $\times$ 1.3 (IEC 60384-3 / Mn-Ta capacitor standards) After: Rated voltage $\times$ 1.15 (IEC 60384-24 / Polymer-Ta capacitor standards)
Affected Parts:	Effective for all 10V conductive polymer tantalum solid electrolytic capacitors (POSCAP). See attached Affected Parts List or contact Panasonic Industry for more information.
Datasheet(s):	N/A
Notes:	Regional notice for North America (Canada, US, Mexico). Please see the attached "Notification of Revision to POSCAP Surge Voltage Rating" global letter included with this PCN for more details.

PCN.PG91.07.27.2026 POSCAP
Surge Voltage Rating Revision
Notice Affected Parts List

Affected Part Numbers	Size Code
10TAB47M	B2
10TPB33M	B2
10TPB47M	B2
10TMB47M	B2
10TPE47MAZB	B2
10THC68M	D2
10TPC100M	D2
10TPC68M	D2
10TMC68M	D2
10TPE68M	D2E
10TVE68M	D2E
10TMB100M3	D3
10TCF150ML	D3
10TPF150ML	D3
10TPB150MGL	D3L
10TPB150ML	D3L
10TPB220ML	D3L
10TAE150ML	D3L
10TAE220ML	D3L
10TCE220MIL	D3L
10TCE220ML	D3L
10TPE220MIL	D3L
10TPE220ML	D3L
10TVE150ML	D3L
10THB220M	D4
10THB330M	D4
10TPB220M	D4
10TPB330M	D4
10TMB220M	D4
10TPB330MZC	D4
10TCE330M	D4
10TPE330M	D4

22.Jul.2026

To Valued Customer

Notification of Revision to POSCAP Surge Voltage Rating

We would like to inform you that we have reviewed the surge voltage rating of our conductive polymer tantalum solid electrolytic capacitors (hereinafter referred to as "POSCAP").

This change is intended to standardize test conditions and guarantee value written in specifications. It does not involve any modification to the product design, materials, or manufacturing process.

Details

- Applicable Products: All POSCAP part numbers rated as 10V.

(Refer to Appendix 1)

- Description of Changes

- 1. Revision of Surge Voltage Guarantee Value

Before: Rated voltage $\times$ 1.3 (IEC 60384-3 / Mn-Ta capacitor standards)

After: Rated voltage $\times$ 1.15 (IEC 60384-24 / Polymer-Ta capacitor standards)

Reason for Change:

The previous surge voltage rating of 13 V was originally established based on the IEC standard for MnO₂ tantalum capacitors.

Subsequently, IEC had imposed new standard specifically for conductive polymer tantalum capacitors, in which the surge voltage is specified at 12 V (the nearest two-significant-digit value corresponding to 1.15 times the rated voltage).

Following the publication of this standard, we have changed our specifications to conform with new standards, however, specifications published prior to this revision remained unchanged with running customers.

At this time, we would like to override all previously sent specification to the new standards which also complies with the JIS standard for conductive polymer tantalum capacitors.

■ Effective Date: August 2026

Should you have any objections or concerns regarding this notification, please contact us by July 30, 2026.

If no response is received by the above date, the relevant portions of the existing product specification agreement shall be considered revised in accordance with the contents of this notification, and your company will be deemed to have accepted this revision.



Makoto Nagashima
Plant Superintendent
POSCAP Business unit
Device Solutions Business Division
Panasonic Industry Co., Ltd.

(Appendix 1) Part Number List

Part Number	Size code
10TAB47M	B2
10TPB33M	B2
10TPB47M	B2
10TMB47M	B2
10TPE47MAZB	B2
10THC68M	D2
10TPC100M	D2
10TPC68M	D2
10TMC68M	D2
10TPE68M	D2E
10TVE68M	D2E
10TMB100M3	D3
10TCF150ML	D3
10TPF150ML	D3
10TPB150MGL	D3L
10TPB150ML	D3L
10TPB220ML	D3L
10TAE150ML	D3L
10TAE220ML	D3L
10TCE220MIL	D3L
10TCE220ML	D3L
10TPE220MIL	D3L
10TPE220ML	D3L
10TVE150ML	D3L

Part Number	Size code
10THB220M	D4
10THB330M	D4
10TPB220M	D4
10TPB330M	D4
10TMB220M	D4
10TPB330MZC	D4
10TCE330M	D4
10TPE330M	D4