



Product Change Notification



Product Group: Aluminum Capacitors/October 30, 2017/PCN-AC-00001-2017 Rev 0

500 PGP-ST change in specification

DESCRIPTION OF CHANGE:

The 500 PGP-ST series is extended with a 350 V and 500 V range. The useful life is increased from 3000 h to 5000 h. For the existing 400 V, 420 V and 450 V ranges the paper electrolyte combination is changed to improve lifetime and ripple current specification. ESR and Impedance limits at 25 degree C have been increased. These changes affect only the standard part numbers. Non-catalog part numbers are not affected.

CLASSIFICATION OF CHANGE: Direct Materials (Major)

REASON FOR CHANGE: Improved design, 2 new voltage ratings incorporated

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

Better behavior on lifetime (5000hrs useful life instead of 3000hrs) and improved ripple current rating. Limits of ESR and Z at 25°C have been increased. We expect this will have minor impact.

PRODUCT CATEGORY: Capacitors

PART NUMBERS/SERIES/FAMILIES AFFECTED:

All 500 PGP Screw Terminal with ordering code starting with MAL2500.

MAL250014102E3	MAL250017222E3	MAL250037103E3	MAL250056222E3	MAL250074682E3
MAL250014103E3	MAL250017272E3	MAL250037123E3	MAL250056272E3	MAL250074822E3
MAL250014122E3	MAL250017332E3	MAL250037222E3	MAL250056332E3	MAL250076103E3
MAL250014152E3	MAL250017392E3	MAL250037272E3	MAL250056392E3	MAL250076123E3
MAL250014182E3	MAL250017472E3	MAL250037332E3	MAL250056472E3	MAL250076153E3
MAL250014222E3	MAL250017562E3	MAL250037392E3	MAL250056562E3	MAL250076272E3
MAL250014272E3	MAL250017822E3	MAL250037472E3	MAL250056682E3	MAL250076332E3
MAL250014332E3	MAL250026102E3	MAL250037562E3	MAL250057102E3	MAL250076392E3
MAL250014392E3	MAL250026222E3	MAL250037682E3	MAL250057103E3	MAL250076472E3
MAL250014472E3	MAL250034103E3	MAL250037822E3	MAL250057122E3	MAL250076562E3
MAL250014682E3	MAL250034153E3	MAL250046103E3	MAL250057152E3	MAL250076682E3
MAL250016103E3	MAL250034222E3	MAL250046222E3	MAL250057182E3	MAL250076822E3
MAL250016122E3	MAL250034272E3	MAL250054102E3	MAL250057222E3	MAL250077103E3
MAL250016123E3	MAL250034332E3	MAL250054103E3	MAL250057272E3	MAL250077123E3
MAL250016152E3	MAL250034392E3	MAL250054122E3	MAL250057332E3	MAL250077222E3
MAL250016182E3	MAL250034472E3	MAL250054152E3	MAL250057392E3	MAL250077272E3
MAL250016222E3	MAL250034682E3	MAL250054182E3	MAL250057472E3	MAL250077332E3
MAL250016272E3	MAL250034822E3	MAL250054222E3	MAL250057562E3	MAL250077392E3
MAL250016332E3	MAL250036103E3	MAL250054272E3	MAL250057822E3	MAL250077472E3
MAL250016392E3	MAL250036123E3	MAL250054332E3	MAL250066102E3	MAL250077562E3

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 www.vishay.com

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MAL250016472E3	MAL250036153E3	MAL250054392E3	MAL250066222E3	MAL250077682E3
MAL250016562E3	MAL250036272E3	MAL250054472E3	MAL250074103E3	MAL250077822E3
MAL250016682E3	MAL250036332E3	MAL250054682E3	MAL250074153E3	MAL250086103E3
MAL250017102E3	MAL250036392E3	MAL250056103E3	MAL250074222E3	MAL250086222E3
MAL250017103E3	MAL250036472E3	MAL250056122E3	MAL250074272E3	
MAL250017122E3	MAL250036562E3	MAL250056123E3	MAL250074332E3	
MAL250017152E3	MAL250036682E3	MAL250056152E3	MAL250074392E3	
MAL250017182E3	MAL250036822E3	MAL250056182E3	MAL250074472E3	

VISHAY BRAND(s): Vishay BCcomponents

TIME SCHEDULE:

Last time ordering date of the old versions: December 30th, 2017.

Last time shipment date: March 31st, 2018.

SAMPLE AVAILABILITY: On request.

PRODUCT IDENTIFICATION

Product date code as indicated on the outer box/product after December 2017.

QUALIFICATION DATA: Available on request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before December 31st, 2017.

ISSUED BY: Theo van de Steeg

For further information, please contact your regional Vishay office.

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CONTACT INFORMATION:

The Americas

Company Vishay Intertechnology, Inc.
Contact Walter Bonomo
Phone +1 704 924 5188
Fax +1 704 924 5158
Email Walter.Bonomo@Vishay.com

Europe

Company Vishay BCcomponents B.V.
Contact Theo van de Steeg
Phone +31 38 4575 338
Fax +31 38 4575 462
Email Theo.vandeSteege@vishay.com

Asia

Company Vishay Intertechnology Asia
Contact: BH Tan
Phone +65 6780 7759
Fax +65 6780 7778
Email Boonhooi.Tan@Vishay.com