



Durez coating Cera-Mite Series obsolete

DESCRIPTION OF CHANGE: Cera-Mite Durez coating material is declared to be obsolete by supplier. The affected Cera-Mite lower voltage ceramic disc capacitors (refer to page 2) will have to be coated by epoxy or by a different Durez material of different color. For affected types the manufacturing process will be changed accordingly. Parts which have to be coated by the new Durez manufacturing location has to be changed to China.

CLASSIFICATION OF CHANGE: Change of material and manufacturing process (refer to page 2)

REASON FOR CHANGE: Modification of manufacturing process due to obsolete material

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

Main electrical and mechanical parameters of the component remain unchanged.
Changes have no influence on quality, reliability and performance of the component.
No problems are expected in assembly and operation of the component.

PRODUCT CATEGORY: Ceramic Capacitors

PART NUMBERS/SERIES/FAMILIES AFFECTED:

Lower Voltage Ceramic Disc Capacitors of series 561R, 562R and 564R (for details refer to page 2)

VISHAY BRAND(s): Vishay Cera-Mite

TIME SCHEDULE:

Start Shipment Date: July 01, 2012
Last Time Buy Date: March 31, 2012
Last Time Shipment Date: June 30, 2012

SAMPLE AVAILABILITY: samples on request

PRODUCT IDENTIFICATION: coating color, descriptor

QUALIFICATION DATA: QA protocols available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before March 31, 2012 or as specified by contract.

ISSUED BY:

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Product Change Notification



Product Group: Vishay Ceramic Capacitors / Dec 18, 2012 / PCN-CC-002-2012 Rev 2

Affected part numbers with coating change to epoxy:

562R5GAD20
562R5GAD22
562R5GAD25
562R5GAD27
562R5GAD30
562R5GAD33
562R5GAD33RR
562R5GAD47
562R5GAD47RE
562R5GAD47RR
562R5GAD50
562R5GAD50JK
562R5GAD50QA
562R5GAD50RE
562R5GAD68
562R5GAD82
562R5GAS10
562R5GAS10FB
562R5GAS10RE
562R5GAS10TR
562R5GAS15
562R5GAS20
562R5HKMS10RR
562R5HKZS10
562RCK102AH103MA65 new p/n 562RCK102EH103MA65
562RZ5URR102AH103Z new p/n 562RZ5URR102EH103Z
562RBA102AP303ZA17 new p/n 562RBA102EP303ZA17

Most of above parts keep its part number, except those, for which a new part number is given. Corresponding old part numbers will become obsolete:

562RCK102AH103MA65 562RZ5URR102AH103Z 562RBA102AP303ZA17

Affected part numbers with coating change to new Durez:

561RTCXQ22 new p/n D220J25C0GH5BL6RX1
562RX5FQA102AG182K new p/n D182K43X5FN6TL5RX1
562RY5UQA102AG103Z new p/n D103Z43Y5UN6TL5RX1
562RZC102AF221KA38 new p/n D221K37X5EN63L6RX1
562RZC102AF471KA38 new p/n D471K37X5EN63L6RX1
562RAC102AH103MA60 new p/n D103M49Z5UN83L0RX1
562RAC102AH103MA65 new p/n D103M49Z5UN83L0RX1
562RZ5UBB501AE102P new p/n D102P29Z5UN63L6RX1

Above parts will be coated with new Durez. The manufacturing location changes to China. Corresponding old part numbers will become obsolete:

561RTCXQ22 562RX5FQA102AG182K 562RY5UQA102AG103Z
562RZC102AF221KA38 562RZC102AF471KA38 562RAC102AH103MA60
562RAC102AH103MA65 562RZ5UBB501AE102P



Product Change Notification



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The following part numbers are available on request with new coating (epoxy or new Durez).

561RBB501AH680JA28	561RC0GGB101AF390J	561RC0GGB102AE200J
561RC0GGB102EC100J	561RC0GGB501AF390K	561RC0GGB501AG820K
561RC0GCK501EF360J	561RC0GCK501EF510J	561RC0KBB501AC1R0D
561RFB102AE680JB20	561RFF101AE3R0CA96	561RNK500AL271JA16
561RP2GGB501AE200J	561RP2GGB501AF220J	561RP2GGB501AF270J
561RP2GRR501AE150J	561RP2GUB501AE150J	561RP2HBB501AE5R6D
561RP2HBB501AE8R2D	561RP2HRR501AE8R2D	561RP2JBB501AC3R3K
561RP3KUB501EF330J	561RR3LBB501AC200J	561RR3LFF102AG181J
561RR3LGE501EF121J	561RTCXQ10	561RU2JBB501AE270J
561RU2JBB501AE330J	561RU2JFF501AE300M	561RU2JUB102AC300J
561RU2JUB501AE390J	561RU2JUB501AF560J	562R0E0CK101AE502M
562R5GAD20KE	562R5GAD20VC	562R5GAD22RE
562R5GAD22RR	562R5GAD22TK	562R5GAD33RB
562R5GAD33RE	562R5GAD47JE	562R5GAD47QA
562R5GAD47QF	562R5GAD47QR	562R5GAD50FZ
562R5GAD50QL	562R5GAD50TK	562R5GAD68JJ1A
562R5GAD68JK	562R5GAD82QA	562R5GAD82QR
562R5GAD82RE	562R5GAS10 RK	562R5GAS10JJ
562R5GAS10JR1A	562R5HKMS10JE	562R5HKMS10RK
562R5HKZS10JK1A	562R5TSD50	562RAA102AH103MA65
562RBA101AF103ZB59	562RBA101AG203ZA70	562RBA101AH223ZA48
562RBA102AF332ZB59	562RBA501AG103MA70	562RBA501AG103ZA71
562RBA501AH153ZB18	562RBA501AJ203MA39	562RBA501AM333YA20
562RBB101AF103ZA02	562RBB101AG203MA82	562RBB501AH203MA60
562RBB501AJ103ZA83	562RBC101AF103ZB48	562RBD102AE102MB92
562RBD501AE471KC25	562RBD501AG103MA78	562RBD501AG103ZA78
562RBZ201AG203MA97	562RBZ251AG203AA75	562REC101AL473ZA08
562REF102AE221KC09	562RFA500AF103ZA53	562RFB102AE152MC06
562RFB102AE271MC05	562RFB102AH103MA69	562RFB251AF222MA01
562RFC101AH223ZA23	562RFC102AF101KA71	562RFF102AE681KC09
562RFF501AF502MB67	562RFF501AG252KA99	562RFZ101AF103ZB68
562RJE102AF502MC27	562RKE101AF103MB10	562RKE102AL203MA23
562RKE102AL203MA67	562RTGLS50	562RTSD22VE
562RTSGS10JC	562RX5EBA102AE221M	562RX5EBB102AE271M
562RX5ETR102EF102K	562RX5FBA501AC121J	562RX5FBB101AH502K
562RX5FBB102AC121K	562RX5FBB102AC331K	562RX5FBB102AC391K
562RX5FBB501AC470J	562RX5FBB501AC560J	562RX5FBB501AC560K
562RX5FBB501AE471K	562RX5FBB501AE680J	562RX5FBB501AE821K
562RX5FBB501AF102K	562RX5FBB501AF152K	562RX5FBB501AF222K
562RX5FFB102EE331M	562RX5FFF501AF102K	562RX5FRBB501AF222K
562RX5FRR501AC121J	562RX5FUB501AC101J	562RX5FUB501AC470K
562RX5FUB501AC560K	562RX5FUB501AE102K	562RX5FUB501AE331K
562RX5RCK501AJ472K	562RX5SAA251AK103M	562RX5TBB102AF202K
562RX5UBB102AE102K	562RX5UBB102AL103K	562RX7RBB501AC471M
562RX7RBB501AE102M	562RX7RDK101AC102K	562RX7WCK501AE301K
562RY5UBA101AH103M	562RY5UBD102AE102Z	562RY5UVC102AG103Z
562RZ5UAA501AJ203M	562RZ5UBA101AF103Z	562RZ5UBA101AG203Z
562RZ5UBA101AL503M	562RZ5UBA102AE202Z	562RZ5UBA102AE222M
562RZ5UBA102AH103M	562RZ5UBA501AJ203Z	562RZ5UBA501AL303Z
562RZ5UBA501AL333M	562RZ5UBB102AF502M	562RZ5UBB500AF103Z
562RZ5UBB501AE222M	562RZ5UBB501AF472M	562RZ5UBB501AF472Z
562RZ5UBD102AK103P	562RZ5UBJ102AH103Z	562RZ5UBJ501AG103M
562RZ5UCK101AF103Z	continued on next page...	



Product Change Notification



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562RZ5UCK102AE202P	562RZ5UCK102AF502M	562RZ5UCK501AF472M
562RZ5UFB102AE101M	562RZ5UFB102AF502M	562RZ5UFC500AF103M
562RZ5UGE501AF502M	562RZ5UJC501AF502M	562RZ5UJE501AE332Z
562RZ5UJE501AP503M	562RZ5UJE601AJ203Z	562RZ5UJJ102AH103Z
562RZ5UJJ501AF502M	562RZ5UJJ501AG103M	562RZ5UJK501AE471K
562RZ5UJK501AF502M	562RZ5UKA102AF472M	562RZ5UNK501AF502M
562RZ5UNK501AF682Z	562RZ5UQA101AE502M	562RZ5UQB102AH103M
562RZ5UQC101AK403M	562RZ5UQT102AE152M	562RZ5URE102AH103Z
562RZ5URE501AG103M	562RZ5URJ102AH103M	562RZ5URR101AF103M
562RZ5URR102EF472Z	562RZ5URR500AF103Z	562RZ5UTK102AE152P
562RZ5UTK102AE202P	562RZ5UTK102AF472M	562RZ5UUB102AE561K
562RZ5UXE102AH103M	564RAD202AP203MA18	564RY5UBK251EE561K
565RBA401AW503MA19	565RZ5UBA101AR503M	565RZA102AT202PA08

end of list

Note: In most cases a change to epoxy coating might be possible, but some of these capacitors require phenolic coating due to clean-lead requirement per customer drawing and therefore cannot be converted to epoxy coating.

In addition, these parts have not been bought in several years or have extremely low usage.

Therefore, parts which require phenolic coating will not be automatically transferred to the BC Components phenolic production line in China and a decision will be made on request and part-by-part depending on EAU.



Product Change Notification



Product Group: Vishay Ceramic Capacitors / Dec 18, 2012 / PCN-CC-002-2012 Rev 2

Changes made on Rev 2 compared to Rev 1 of this PCN-CC-002-2012:

- a) Added part to chapter *"Affected part numbers with coating change to epoxy"*:

562R5GAS20

(This part was missing on previous revisions of this PCN by mistake, but is also affected. It is already changed to epoxy without any problems. It is not possible to update time schedule because old coating material is not available anymore.)

- b) Added parts to chapter *"Affected part numbers with coating change to new Durez"*:

562RAC102AH103MA60 new p/n D103M49Z5UN83L0RX1
562RAC102AH103MA65 new p/n D103M49Z5UN83L0RX1

(These parts were missing on previous revisions of this PCN by mistake, but are also affected. These parts are already changed to new Durez with new part numbers without any problems. It is not possible to update time schedule because old coating material is not available anymore.)

- c) Parts moved from chapter
"Affected part numbers with coating change to epoxy"
to chapter
"Affected part numbers with coating change to new Durez":

562RZC102AF221KA38 new p/n D221K37X5EN63L6RX1
562RZC102AF471KA38 new p/n D471K37X5EN63L6RX1

(These parts require clean lead process which turned out to be not possible with epoxy coating. Therefore these parts have to be produced with new Durez. These parts are already changed to new Durez with new part numbers without any problems. It is not possible to update time schedule because old coating material is not available anymore.)

- d) Part moved from chapter
"The following part numbers are available on request with new coating (epoxy or new Durez)"
to chapter
"Affected part numbers with coating change to epoxy":

562RBA102AP303ZA17 new p/n 562RBA102EP303ZA17

(This part is already changed to epoxy without any problems, but new part number was required because old part number contained character A which stands for Durez. It is not possible to update time schedule because old coating material is not available anymore.)

- e) Part moved from chapter
"The following part numbers are available on request with new coating (epoxy or new Durez)"
to chapter
"Affected part numbers with coating change to new Durez":

562RZ5UBB501AE102P new p/n D102P29Z5UN63L6RX1

(This part is already changed to new Durez with new part number without any problems. It is not possible to update time schedule because old coating material is not available anymore.)

- f) Added *"Note"* to end of chapter *"The following part numbers are available on request with new coating (epoxy or new Durez)"* to describe the "on request" procedure in more detail.