



Product Change Notification



Product Group: Vishay Division MLCC / July 26, 2019 / PCN-MLC-00014-2019 Rev 0

Extend Use of C165 Dielectric Material for CDR MLCCs

DESCRIPTION OF CHANGE: Extend use of C165 (Vishay internal designations) dielectric material currently qualified for below listed values

CLASSIFICATION OF CHANGE: Change of dielectric material.

REASON FOR CHANGE: Improved reliability of products.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: None.

PRODUCT CATAGORY: Capacitors

PART NUMBERS/SERIES/FAMILIES AFFECTED: The dielectric formulation used for selected CDR MLCCs will change from C175 to C165. The C165 material is already qualified, and qualification already performed covers products affected by this change. Part numbers affected are:

0805 body size: CDR01BP101BwxyAz, CDR31BP101BwxyAz

1206 body size: CDR32BP101BwxyAz, CDR32BP111BwxyAz, CDR32BP121BwxyAz, CDR32BP131BwxyAz, CDR32BP151BwxyAz, CDR32BP161BwxyAz, CDR32BP181BwxyAz, CDR32BP201BwxyAz, CDR32BP221BwxyAz, CDR32BP241BwxyAz, CDR32BP271BwxyAz,

Note: w = Tolerance (F, J or K), x = Termination (M, Y, W, Z, or U), y = Failure Rate (M, P, R, or S), and z = Package Code (T, J, C, R, P, or B)

VISHAY BRAND(s): Vishay Vitramon

TIME SCHEDULE: Start shipment date: 01-Janury-2020

SAMPLE AVAILABILITY: 01-October -2019

PRODUCT IDENTIFICATION: By date code

QUALIFICATION DATA: Available upon request

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