

Reference: QOD-510

Product/Process Bulletin Update **PBU-022415-CA**

Standard Marking Format Change

C3XX Series “Golden Max” Radial Leaded MLCCs

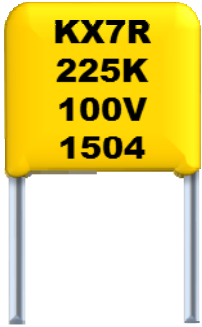

In order to optimize efficiency and improve productivity, KEMET will initiate a change to the current marking format of all C340, C346, C350 and C356 style/size devices. The following changes will be implemented on April 6, 2015.

1. **Voltage Rating** and **Dielectric** (temperature coefficient) identification codes are being reduced to 1 (one) character.

- a. This change will standardize the identification codes across the entire C3XX “Golden Max” portfolio. C3XX devices with smaller body sizes are currently using a 1 (one) character identifier for both voltage rating and dielectric.
- b. **Voltage Rating** and **Dielectric** codes and definitions will match that of the ordering code.

2. The **Date Code** will no longer be included in the standard marking information for these devices. It will be available as a marking option only. KEMET has established an ordering code C-SPEC to accommodate customers that require the date code be included in the marking information.

- a. The option to include the **Date Code** will only be made available on C340, C346, C350 and C356 style/size devices.

CURRENT MARKING FORMAT	NEW MARKING FORMAT
 <p>KX7R 225K 100V 1504</p>	 <p>K1R 225K</p>

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CURRENT MARKING FORMAT "FRONT"	NEW MARKING FORMAT "FRONT"	NEW MARKING FORMAT "BACK" AVAILABLE AS AN OPTION ONLY

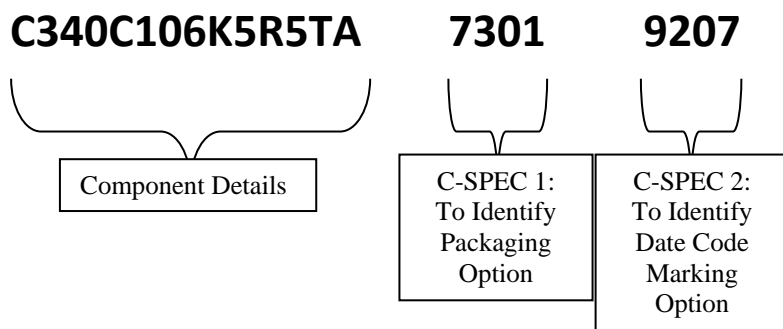
POSITION	DETAIL – CURRENT MARKING FORMAT
①	KEMET Trademark
②	Dielectric (Temp Coefficient) X7R = X7R Dielectric
③	Capacitance Code 105 = 1.0µF
④	Capacitance Tolerance K = 10%
⑤	Voltage Rating (Vdc) 100V = 100Vdc
⑥	Date Code > YYWW

POSITION	DETAIL - NEW MARKING FORMAT
①	KEMET Trademark
②	Rated Voltage (Vdc) 1 = 100Vdc
③	Dielectric (Temperature Coefficient) R = X7R Dielectric
④	Capacitance Code 105 = 1.0µF
⑤	Capacitance Tolerance K = 10%
⑥	Date Code > YYWW (Available as an option only)

Optional **Date Code** marking ordering code C-SPEC:

To properly request the inclusion of the date code in the marking information provided on the component, ordering code **C-SPEC 9207** must be added to the end of the ordering code.

EXAMPLE:



Please reference ordering information in the product catalog for additional ordering details.



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