

Reference: QOD-510

Product/Process Change Notification

PCN-062314-CXA

Date:	ID Number (MMDDYY): 062314
Affected Product Series	SCR/SRR/SCA/SRA Series ACR/ARR/ACA/ARA Series TCR/TCA Series VCR/VRR Series
Change Overview	Change to recessed seat configuration.
Justification and Benefits	Manufacturing yield improvement.
Effective Date and Identification	Beginning July 1, 2014
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For General Information Contact	Corey Antoniadès Technical Product Manager SCBG - Ceramics (864) 228 4485 coreyantoniades@kemet.com
Change Details	<p>Recessed seats are formed in the component body of these devices by drilling to bridge at least partially into the internal electrode structure. Conductive lead ends are attached to the capacitor by soldering within these recessed seats, thereby securely anchoring the leads in a manner substantially impervious to moisture penetration.</p> <p>The current recessed seat configuration is being refashioned in order to mitigate the potential for damage to the ceramic body in and around the seat during the drilling process. The current "slotted keyway" configuration allows for stress concentrations during the drilling process and prior to assembly.</p> <p>The improved seat configuration allows for an even distribution of stress during the drilling process and therefore significantly improves stability and reduces the potential for stress related component damage.</p> <p>This change to the recessed seat configuration <u>will not</u> affect the form, fit or function of the capacitor after final assembly.</p> <p>No material or additional design changes have been made to the components outlined in this notification.</p>

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