

Reference: QOD-510

Product/Process Change Notification

PCN-081516-AGA

Date:	ID Number (MMDDYY): 081516																									
Affected Products	Product Series: Standard Termination X7R dielectric Automotive grade Part Type: X7R 1206 EIA Case Size: 4.7µF 16V, 10V & 6.3V Tolerances: K, M Product Grade: Automotive grade Packaging-Spec/s: AUTO, AUTO7210 Termination system and finish: Standard Termination 100%Sn																									
Change Description:	Using the most technically advanced dielectric materials and design techniques, KEMET has improved its materials formulation to ensure an uninterrupted supply of ceramic capacitors establishing equal or better performance in all electrical, mechanical and reliability aspects. Qualification testing has been performed in accordance with the requirements of AEC Q200 and the package has been attached as part of this Notification.																									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #d3d3d3;"> <th style="width: 40%;"></th> <th style="width: 30%;">Actual</th> <th style="width: 30%;">Proposed</th> </tr> </thead> <tbody> <tr> <td style="background-color: #333366; color: white;">Part Type</td> <td>1206 X7R 4.7µF 16V,10V and 6.3V</td> <td>1206 X7R 4.7µF 16V,10V and 6.3V</td> </tr> <tr> <td style="background-color: #333366; color: white;">Length (mm)</td> <td>3.2 ±0.20 mm</td> <td>3.2 ±0.20 mm</td> </tr> <tr> <td style="background-color: #333366; color: white;">Width (mm)</td> <td>1.6 ±0.20 mm</td> <td>1.6 ±0.20 mm</td> </tr> <tr> <td style="background-color: #333366; color: white;">Thickness (mm)</td> <td>1.2 ±0.15 mm</td> <td>1.6 ±0.20 mm</td> </tr> <tr> <td style="background-color: #333366; color: white;">Bandwidth (mm)</td> <td>0.50 ± 0.35</td> <td>0.50 ± 0.35</td> </tr> <tr> <td style="background-color: #333366; color: white;">7" Reel Quantity (pcs)</td> <td>2,500</td> <td>2,000</td> </tr> <tr> <td style="background-color: #333366; color: white;">13" Reel Quantity (pcs)</td> <td>10,000</td> <td>8,000</td> </tr> </tbody> </table>			Actual	Proposed	Part Type	1206 X7R 4.7µF 16V,10V and 6.3V	1206 X7R 4.7µF 16V,10V and 6.3V	Length (mm)	3.2 ±0.20 mm	3.2 ±0.20 mm	Width (mm)	1.6 ±0.20 mm	1.6 ±0.20 mm	Thickness (mm)	1.2 ±0.15 mm	1.6 ±0.20 mm	Bandwidth (mm)	0.50 ± 0.35	0.50 ± 0.35	7" Reel Quantity (pcs)	2,500	2,000	13" Reel Quantity (pcs)	10,000	8,000
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Effective Date and Identification	Beginning January 9, 2017 Date Code: 1702																									
To Obtain Samples or General Information Contact	Ana Garza Product Management SCBG Ceramics (956) 982 4644 anagarza@kemet.com																									
Part Types affected	C1206C475K4RACAUTO C1206C475K8RACAUTO C1206C475K9RACAUTO C1206C475M4RACAUTO C1206C475M8RACAUTO C1206C475M9RACAUTO	C1206C475K4RACAUTO7210 C1206C475K4RACAUTO7521 C1206C475K4RACAUTO7621 C1206C475K8RACAUTO7210 C1206C475K9RACAUTO7210 C1206C475M4RACAUTO7210 C1206C475M8RACAUTO7210 C1206C475M9RACAUTO7210																								

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