

Reference: QOD-510

## Product/Process Change Notification

### PCN-101716-AGA

<b>Date:</b>	<b>ID Number (MMDDYY):</b> 101716
<b>Affected Products</b>	<b>Product Series:</b> X8R & X8L Aximax (Axial Conformally coated) <b>Case Size</b> C4XX <b>Product Grade:</b> Automotive grade <b>Packaging-Spec/s:</b> AUTO <b>Termination finish:</b> All
<b>Change Description:</b>	In order to standardize KEMET part number with new Aximax Automotive product ordering information. KEMET is changing c-spec AUTO to 9170 for Automotive Grade part number in Aximax X8R and X8L Product. Form, fit and/or function of the parts are not affected by this change therefore all electrical, mechanical and reliability characteristics of these parts are being kept the same.

#### X8R DIELECTRIC AXIMAX – ORDERING INFORMATION

C	410	C	472	J	5	G	5	T	A	9170
Ceramic	Style /Size	Specification/ Series	Capacitance Code (pF)	Capacitance Tolerance	Voltage	Dielectric	Design	Lead Finish	Failure Rate	Packaging/Grade (C-Spec)
	410 430	C = Standard	2 Sig. Digits + Number of Zeros.	F = ±1% G = ±2% J = ±5% K = ±10%	5 = 50 V 1 = 100 V 2 = 200 V	H = Ultra- Stable X8R	5 = Multilayer	T = 100% Matte Sn H = SnPb (60/40)	A = N/A	9170= Bulk Auto Grade 9170 7200 = Auto 12" Reel 9170 7293 = Auto Ammo pack

#### X8L DIELECTRIC AXIMAX – ORDERING INFORMATION

C	410	C	105	K	3	R	5	T	A	9170
Ceramic	Style /Size	Specification/ Series	Capacitance Code (pF)	Capacitance Tolerance <sup>1</sup>	Voltage	Dielectric	Design	Lead Finish <sup>2</sup>	Failure Rate	Packaging/Grade (C-Spec)
	410 430	C = Standard	2 Sig. Digits + Number of Zeros.	J = ±5% K = ±10% M = ±20%	3 = 25V 5 = 50V	N = X8L	5 = Multilayer	T = 100% Matte Sn H = SnPb (60/40)	A = N/A	9170= Bulk Auto Grade 9170 7200 = Auto 12" Reel 9170 7293 = Auto Ammo pack

<b>Effective Date and Identification</b>	Beginning December 19, 2016 Date Code. 1651		
<b>To Obtain Samples or General Information Contact</b>	Ana Garza Product Management SCBG Ceramics (956) 982 4644 <a href="mailto:anagarza@kemet.com">anagarza@kemet.com</a>		
<b>Part Types affected</b>	<b>Current KEMET PN</b>	<b>New KEMET PN</b>	
	C410C103K1H5TAAUTO C410C104K5N5TAAUTO C430C225K3N5TAAUTO C410C102K5H5TAAUTO C410C331J1H5TAAUTO C430C474K5N5TAAUTO C430C473K1H5TAAUTO C410C154K5N5TAAUTO C420C104K5N5TAAUTO	C410C102K1H5TAAUTO C410C102K2H5TAAUTO C410C331K1H5TAAUTO C410C331K2H5TAAUTO C410C471K1H5TAAUTO C410C472K1H5TAAUTO C410C682K1H5TAAUTO	C410C103K1H5TA91707200 C410C104K5N5TA91707200 C430C225K3N5TA91707200 C410C102K5H5TA91707200 C410C331J1H5TA91707200 C430C474K5N5TA91707200 C430C473K1H5TA91707200 C410C154K5N5TA91707200 C420C104K5N5TA91707200

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