

Reference: QOD-510

Product/Process Change Notification

PCN-101716-AGA

Date:	ID Number (MMDDYY): 101716
Affected Products	Product Series: X8R & X8L Aximax (Axial Conformally coated) Case Size C4XX Product Grade: Automotive grade Packaging-Spec/s: AUTO Termination finish: All
Change Description:	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 ¹	Voltage	Dielectric	Design	Lead Finish ²	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

Effective Date and Identification	Beginning December 19, 2016 Date Code. 1651		
To Obtain Samples or General Information Contact	Ana Garza Product Management SCBG Ceramics (956) 982 4644 anagarza@kemet.com		
Part Types affected	Current KEMET PN	New KEMET PN	
	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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