

Product/Process Change Notification

PCN-082322-AGA Comm

Dielectric material formulation change.

Date:	ID Number (MMDDYY): 082322										
Affected Products	Product Line: X7R	Case Size: 0805		Cap: 106 (10.0μF)							
	Voltage: 10V & 6.3V	Tolerances: All		C-spec's: 7800, 7210 Suffix: TU Only for Commercial Flexible Termination							
	Grade: Commercial	Termination: Flexible Termination Commercial Grade									
Change											
KEMET has improved its dielectric material formulation ensuring additional supply of MLCCs to meet increasing customer demand. Qualification testing has been performed in accordance with our Performance & Reliability stated on Commercial Catalog.											
Flexible Termination											
Part Type	Length (mm)		Width (mm)		Thickness (mm)		DF (Max %)		IR MIN (Mohm)		pcs / reel (7in / 13in)
	Current	Planned	Current	Planned	Current	Planned	Current	Planned	Current	Planned	
0805 X7R 10μF 10V	2.0±0.35	2.0±0.35	1.25±0.30	1.25±0.30	1.25±0.20	1.25±0.25	10%	10%	10	10	2,500 / 10,000
0805 X7R 10μF 6.3V	2.0±0.35	2.0±0.35	1.25±0.30	1.25±0.30	1.25±0.20	1.25±0.25	10%	10%	10	10	2,500 / 10,000
Ordering Information											
C	0805	X	106	K	8	R	A	C	TU		
Cer	Case Size (LxW)	Specification / Series	Capacitance Code (pF)	Capacitance Tolerance	Rated Voltage (VDC)	Diel.	Failure Rate/ Design	Termination Finish	Packaging/ Grade (C-Spec)		
	0805	X= Flexible Termination	Two significant digits + number of zeros.	J = ±5% K = ±10% M = ±20%	9 = 6.3V 8 = 10V	R = X7R	A= N/A	C=100% Sn	TU = 7in T&R Commercial Grade		
Effective Date and Identification		Beginning Implementation Date 11/28/22									
To Obtain Samples or General Information Contact		Ana Garza Technical Product Engineer Ceramic Product Business Unit KEMET Electronics Corporation: Ana.Garza@yageo.com Craig Scruggs Director Product Management – Automotive Ceramics Ceramic Product Business Unit KEMET Electronics Corporation: Craig.Scruggs@yageo.com									

KEMET Proprietary Information
 Entire Contents not to be shared without express written consent of KEMET Electronics Corporation.

KEMET Part Number

C0805X106J8RAC7800
C0805X106J9RAC7800
C0805X106J8RAC7210
C0805X106J9RAC7210
C0805X106K8RAC7800
C0805X106K9RAC7800
C0805X106K8RAC7210
C0805X106K9RAC7210
C0805X106M8RAC7800
C0805X106M9RAC7800
C0805X106M8RAC7210
C0805X106M9RAC7210