

Reference: QOD-510

## Product/Process Change Notification

### PCN-031224-AGA

Changes impacting Dimensional and Reeling Quantity

Affected Product Scope:	Grade: Commercial				ID Number (MMDDYY): 031224							
	Diel	Case Size	Capacitance (Cap Code)	Voltages (DC)				End Term (C)	Tol	C-specs		
	X7R	0805	334	50V, 35V				100% Sn	All	7800, 7210		
		0805	474	50V, 35V						7025, 7215		
		1210	105	100V						Suffix: TU, TM		
		1210	225	50V								
See KEMET part types affected file.												
Change: The following KEMET parts will change thickness dimension and / or reeling quantities.												
Standard Termination												
Part Type	Length (mm)		Width (mm)		Thickness (mm)		DF (Max %)		IR (Min MΩ)		Pcs/Reel (7in / 13in)	
	Current	Planned	Current	Planned	Current	Planned	Current	Planned	Current	Planned	Current	Planned
X7R 0805 330nF 50V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.90±0.10	1.25±0.15	2.5%	2.5%	1,515	1,515	4,000/15,000	2,500/10,000
X7R 0805 330nF 35V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.90±0.10	1.25±0.15	2.5%	2.5%	1,515	1,515	4,000/15,000	2,500/10,000
X7R 0805 470nF 50V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	1.00±0.10	1.25±0.15	2.5%	2.5%	1,064	1,064	2,500/10,000	2,500/10,000
X7R 0805 470nF 35V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	1.00±0.10	1.25±0.15	2.5%	2.5%	1,064	1,064	2,500/10,000	2,500/10,000
X7R 1210 1µF 100V	3.20±0.20	3.20±0.30	2.50±0.20	2.50±0.20	1.70±0.20	1.90±0.20	2.5%	2.5%	500	500	2,000/8,000	2,000/8,000
X7R 1210 2.2µF 50V	3.20±0.20	3.20±0.20	2.50±0.20	2.50±0.20	1.25±0.15	2.00±0.20	2.5%	2.5%	227	227	2,500/10,000	2,000/8,000
<div><input checked="" type="checkbox"/> Form</div> <div><input type="checkbox"/> Fit</div> <div><input type="checkbox"/> Function</div> <div>Blue Font under “Planned” indicates a change. Black Font under “Planned” indicates <u>No change</u>.</div>												
Effective Date	Implementation June 24 <sup>th</sup> ,2024											
Notes	This is a Commercial PCN for Notification only. Do not need written approval											
To Obtain Samples or General Information Contact	Ana Garza Technical Product Engineer   Ceramic Product Business Unit KEMET Electronics Corporation <a href="mailto:Ana.Garza@yageo.com">Ana.Garza@yageo.com</a>  Francisco Pavon Product Manager – Commercial MLCCs   Ceramic Product Business Unit KEMET Electronics Corporation <a href="mailto:Francisco.Pavon@yageo.com">Francisco.Pavon@yageo.com</a>											

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## PCN Information (for Salesforce.com)

Reference: QOD-510

## List of part numbers on KEMET system

[illegible]

PCN Name	Current KEMET PN	Thickness		Reel Qty (7in / 13in)		Implementation Date
		Current	Planned	Current	Planned	
PCN-031224-AGA	C1210C105J1RAC	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105J1RACTU	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105J1RAC7800	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105J1RAC7210	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105J1RAC7025	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105K1RAC	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105K1RACTU	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105K1RAC7800	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105K1RAC7210	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105K1RAC7025	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105M1RAC	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105M1RACTU	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105M1RAC7800	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105M1RAC7210	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C105M1RAC7025	1.70±0.20	1.90±0.20	2,000/8,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225J5RAC	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225J5RACTU	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225J5RAC7800	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225J5RAC7210	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225J5RAC7025	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225K5RAC	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225K5RACTU	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225K5RAC7800	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225K5RAC7210	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225K5RAC7025	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225M5RAC	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225M5RACTU	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225M5RAC7800	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225M5RAC7210	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024
PCN-031224-AGA	C1210C225M5RAC7025	1.25±0.15	2.00±0.20	2,500/10,000	2,000/8,000	June 24th, 2024

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