

Product/Process Change Notification
PCN-050423-AGA
 Change in thickness dimensions

Affected Product Scope:	Grade: Commercial		ID Number (MMDDYY): 050423					
	Diel	Case Size	Capacitance (Cap Code)	Voltages (DC)		End Term (C)	Tol	C-specs
	COG	0603	10nF (103)	25V, 16V, 10V		100% Sn	All	7867
		0805	22pF (220)	250V, 200V, 100V				7800
		0805	100pF (101)	250V, 200V, 100V, 50V, 25V, 16V, 10V				7411
1206		33nF (333)	50V, 25V, 16V, 10V		7210			
							Suffix: TU	

See KEMET Part Types file.

Change: The following KEMET parts will change thickness dimension.

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	Current	Planned
COG 0603 10nF 25V	1.60±0.15	1.60±0.15	0.80±0.15	0.80±0.15	0.80±0.07	0.80±0.10	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0603 10nF 16V	1.60±0.15	1.60±0.15	0.80±0.15	0.80±0.15	0.80±0.07	0.80±0.10	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0603 10nF 10V	1.60±0.15	1.60±0.15	0.80±0.15	0.80±0.15	0.80±0.07	0.80±0.10	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 22pF 250V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 22pF 200V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 22pF 100V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 100pF 250V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 100pF 200V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 100pF 100V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 100pF 50V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 100pF 25V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 100pF 16V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 0805 100pF 10V	2.00±0.20	2.00±0.20	1.25±0.20	1.25±0.20	0.78±0.10	0.70±0.20	0.1%	0.1%	100,000	100,000	4,000/15,000	4,000/15,000
COG 1206 33nF 50V	3.20±0.20	3.20±0.20	1.60±0.20	1.60±0.20	0.78±0.10	0.90±0.10	0.1%	0.1%	30,303	30,303	4,000/10,000	4,000/10,000
COG 1206 33nF 25V	3.20±0.20	3.20±0.20	1.60±0.20	1.60±0.20	0.78±0.10	0.90±0.10	0.1%	0.1%	30,303	30,303	4,000/10,000	4,000/10,000
COG 1206 33nF 16V	3.20±0.20	3.20±0.20	1.60±0.20	1.60±0.20	0.78±0.10	0.90±0.10	0.1%	0.1%	30,303	30,303	4,000/10,000	4,000/10,000
COG 1206 33nF 10V	3.20±0.20	3.20±0.20	1.60±0.20	1.60±0.20	0.78±0.10	0.90±0.10	0.1%	0.1%	30,303	30,303	4,000/10,000	4,000/10,000

Effective Date	Shipments beginning August 14 th , 2023.
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 Ana.Garza@yageo.com Corey Antoniades Product Manager – Commercial MLCCs Ceramic Product Business Unit KEMET Electronics Corporation Corey.Antoniades@yageo.com

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Affected part types:		
C0603C103F3GAC	C0603C103K4GAC7867	C0805C101F8GACTU
C0603C103F3GAC7411	C0603C103K4GACTU	C0805C101FAGAC
C0603C103F3GAC7867	C0603C103K8GAC	C0805C101FAGAC7210
C0603C103F3GACTU	C0603C103K8GAC7411	C0805C101FAGAC7800
C0603C103F4GAC	C0603C103K8GAC7867	C0805C101FAGACTU
C0603C103F4GAC7411	C0603C103K8GACTU	C0805C101G1GAC
C0603C103F4GAC7867	C0603C103M3GAC	C0805C101G1GAC7210
C0603C103F4GACTU	C0603C103M3GAC7411	C0805C101G1GAC7800
C0603C103F8GAC	C0603C103M3GAC7867	C0805C101G1GACTU
C0603C103F8GAC7411	C0603C103M3GACTU	C0805C101G2GAC
C0603C103F8GAC7867	C0603C103M4GAC	C0805C101G2GAC7210
C0603C103F8GACTU	C0603C103M4GAC7411	C0805C101G2GAC7800
C0603C103G3GAC	C0603C103M4GAC7867	C0805C101G2GACTU
C0603C103G3GAC7411	C0603C103M4GACTU	C0805C101G3GAC
C0603C103G3GAC7867	C0603C103M8GAC	C0805C101G3GAC7210
C0603C103G3GACTU	C0603C103M8GAC7411	C0805C101G3GAC7800
C0603C103G4GAC	C0603C103M8GAC7867	C0805C101G3GACTU
C0603C103G4GAC7411	C0603C103M8GACTU	C0805C101G4GAC
C0603C103G4GAC7867		C0805C101G4GAC7210
C0603C103G4GACTU	C0805C101F1GAC	C0805C101G4GAC7800
C0603C103G8GAC	C0805C101F1GAC7210	C0805C101G4GACTU
C0603C103G8GAC7411	C0805C101F1GAC7800	C0805C101G5GAC
C0603C103G8GAC7867	C0805C101F1GACTU	C0805C101G5GAC7210
C0603C103G8GACTU	C0805C101F2GAC	C0805C101G5GAC7800
C0603C103J3GAC	C0805C101F2GAC7210	C0805C101G5GACTU
C0603C103J3GAC7411	C0805C101F2GAC7800	C0805C101G8GAC
C0603C103J3GAC7867	C0805C101F2GACTU	C0805C101G8GAC7210
C0603C103J3GACTU	C0805C101F3GAC	C0805C101G8GAC7800
C0603C103J4GAC	C0805C101F3GAC7210	C0805C101G8GACTU
C0603C103J4GAC7411	C0805C101F3GAC7800	C0805C101GAGAC
C0603C103J4GAC7867	C0805C101F3GACTU	C0805C101GAGAC7210
C0603C103J4GACTU	C0805C101F4GAC	C0805C101GAGAC7800
C0603C103J8GAC	C0805C101F4GAC7210	C0805C101GAGACTU
C0603C103J8GAC7411	C0805C101F4GAC7800	C0805C101J1GAC
C0603C103J8GAC7867	C0805C101F4GACTU	C0805C101J1GAC7210
C0603C103J8GACTU	C0805C101F5GAC	C0805C101J1GAC7800
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C0603C103K3GAC7411	C0805C101F5GAC7800	C0805C101J2GAC
C0603C103K3GAC7867	C0805C101F5GACTU	C0805C101J2GAC7210
C0603C103K3GACTU	C0805C101F8GAC	C0805C101F8GACTU
C0603C103K4GAC	C0805C101F8GAC7210	C0805C101FAGAC

C0603C103K4GAC7411	C0805C101F8GAC7800	C0805C101FAGAC7210
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C0805C101J2GACTU	C0805C101K5GAC7800	
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