

Multilayer Ceramic Chip Capacitors

C1608X5R1E474K080AC



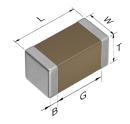






TDK item description C1608X5R1E474KT****

Applications	Commercial Grade Please refer to Part No. CGA3E3X5R1E474K080AB for Automotive use.	
	Thease refer to Fart No. COASES/ASINTER/TROODAD for Automotive ase.	
Feature	General (Up to 75V)	
Series	C1608 [EIA 0603]	
Status	Production (Not Recommended for New Design)	



	Size
Length(L)	1.60mm ±0.10mm
Width(W)	0.80mm ±0.10mm
Thickness(T)	0.80mm ±0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.70mm to 1.00mm(Flow Soldering)
Neconimented Land Fattern (FA)	0.60mm to 0.80mm(Reflow Soldering)
Recommended Land Pattern (PB)	0.80mm to 1.00mm(Flow Soldering)
recommended Land Fattern (FB)	0.60mm to 0.80mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.60mm to 0.80mm(Flow Soldering)
Neconimented Land Fattern (FC)	0.60mm to 0.80mm(Reflow Soldering)

Electrical Characteristics		
Capacitance	470nF ±10%	
Rated Voltage	25VDC	
Temperature Characteristic	X5R(±15%)	
Dissipation Factor (Max.)	5%	
Insulation Resistance (Min.)	212ΜΩ	

Other	
Caldaring Mathad	Wave (Flow)
Soldering Method	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

[!] Images are for reference only and show exemplary products. ! This PDF document was created based on the data listed on the TDK Corporation website.

[!] All specifications are subject to change without notice.

C1608X5R1E474K080AC

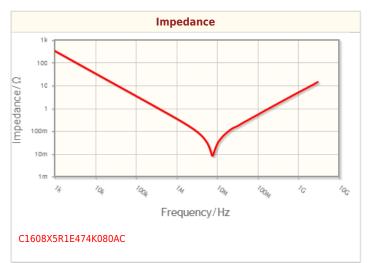


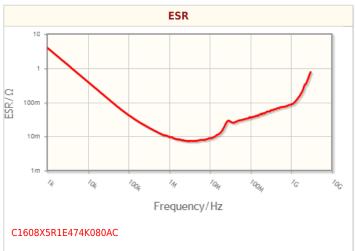


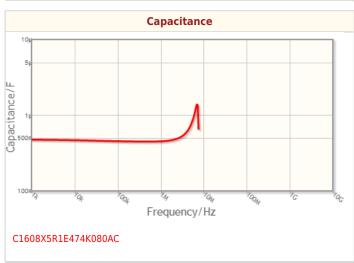


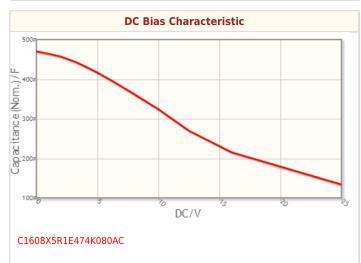


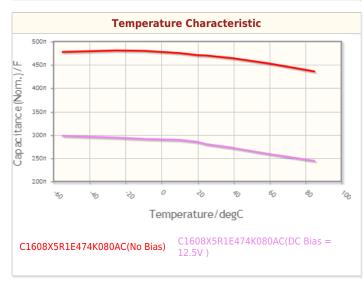
Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

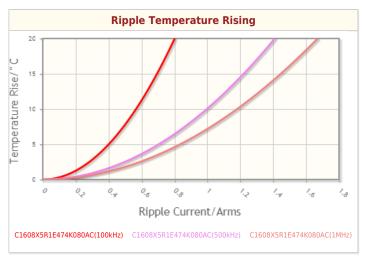












[!] Images are for reference only and show exemplary products.

[!] This PDF document was created based on the data listed on the TDK Corporation website.

[!] All specifications are subject to change without notice.



C1608X5R1E474K080AC

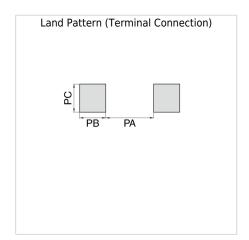








Associated Images



[!] Images are for reference only and show exemplary products. ! This PDF document was created based on the data listed on the TDK Corporation website.

[!] All specifications are subject to change without notice.