

TDK item description C1608X5R1E334KT****



Commercial Grade

Please refer to Part No. [CGA3E3X5R1E334K080AB](#) for Automotive use.

Feature



General (Up to 75V)

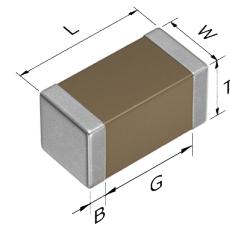
Series

C1608 [EIA 0603]

Status



Production (Not Recommended for New Design)



Size

Length(L)	1.60mm $\pm 0.10\text{mm}$
Width(W)	0.80mm $\pm 0.10\text{mm}$
Thickness(T)	0.80mm $\pm 0.10\text{mm}$
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.70mm to 1.00mm(Flow Soldering) 0.60mm to 0.80mm(Reflow Soldering)
Recommended Land Pattern (PB)	0.80mm to 1.00mm(Flow Soldering) 0.60mm to 0.80mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.60mm to 0.80mm(Flow Soldering) 0.60mm to 0.80mm(Reflow Soldering)

Electrical Characteristics

Capacitance	330nF $\pm 10\%$
Rated Voltage	25VDC
Temperature Characteristic	X5R($\pm 15\%$)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	303M Ω

Other

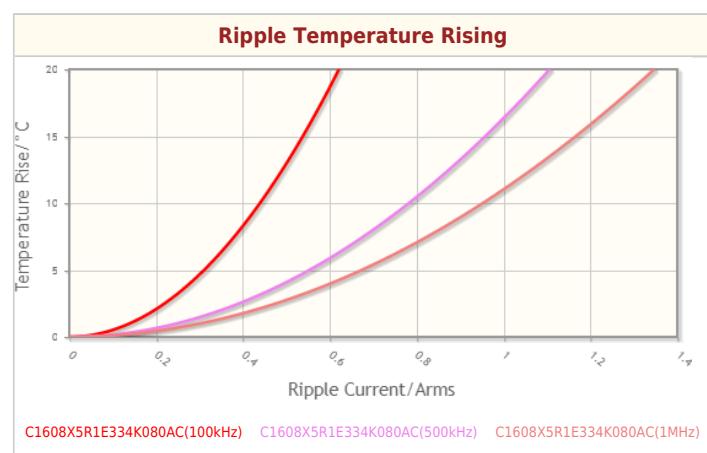
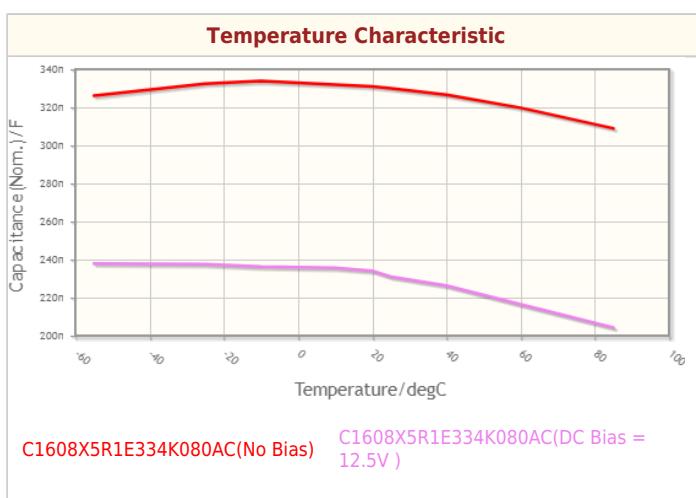
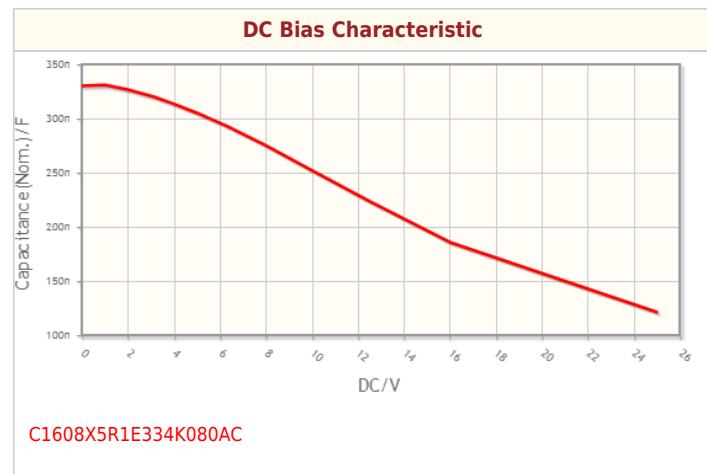
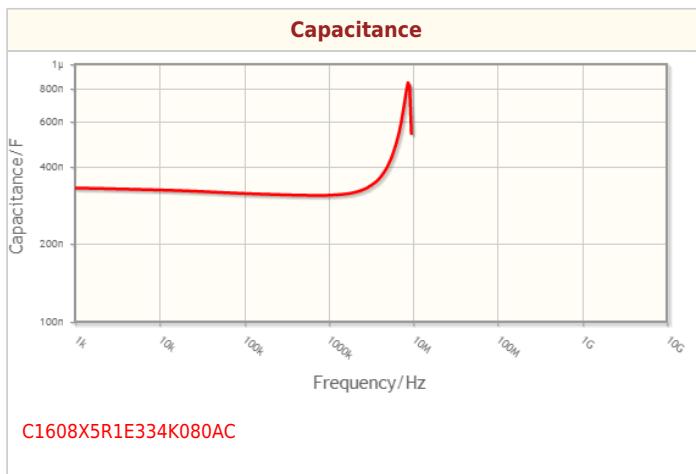
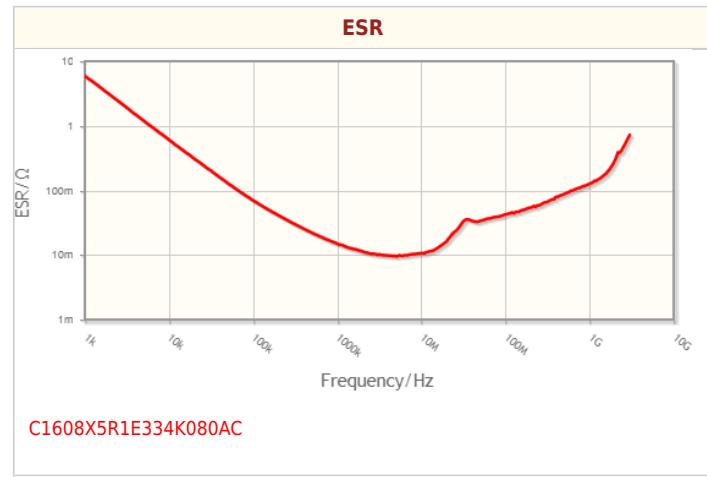
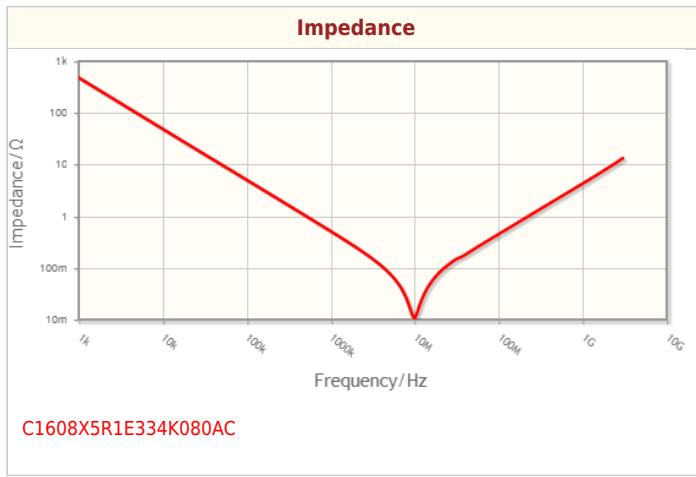
Soldering Method	Wave (Flow) Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

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

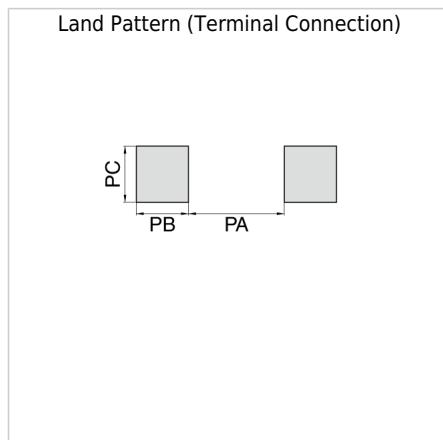


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Associated Images



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