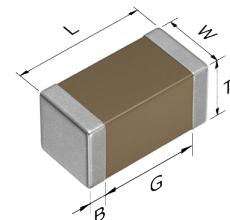


TDK item description C1608X7R2A103MT****

Applications	 Commercial Grade Please refer to Part No. CGA3E2X7R2A103M080AA for Automotive use.
Feature	 Mid Voltage (100 to 630V)
Series	C1608 [EIA 0603]
Status	 Production (Not Recommended for New Design) Recommended Alternate Part No. : C1608X7R2A103K080AA (Interchangeability is not guaranteed.)



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	10nF $\pm 20\%$
Rated Voltage	100VDC
Temperature Characteristic	X7R($\pm 15\%$)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000M Ω

Other

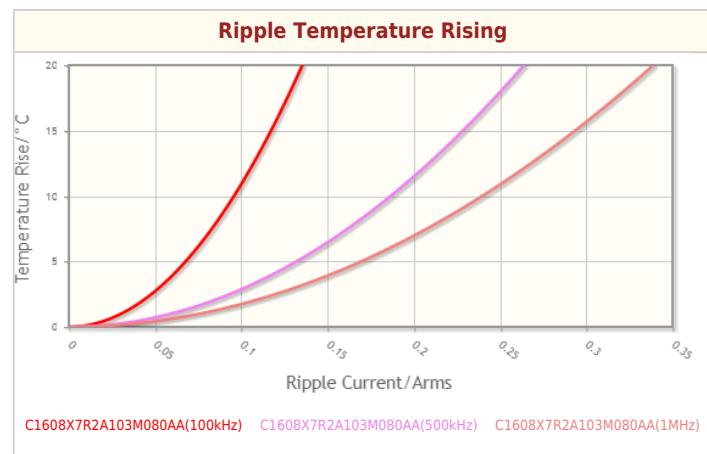
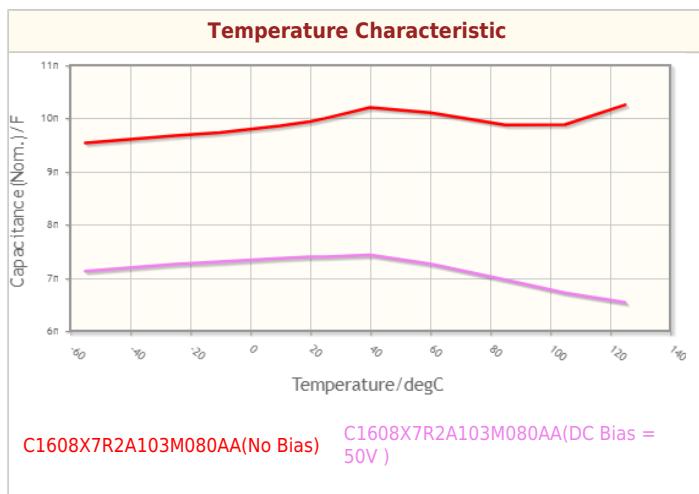
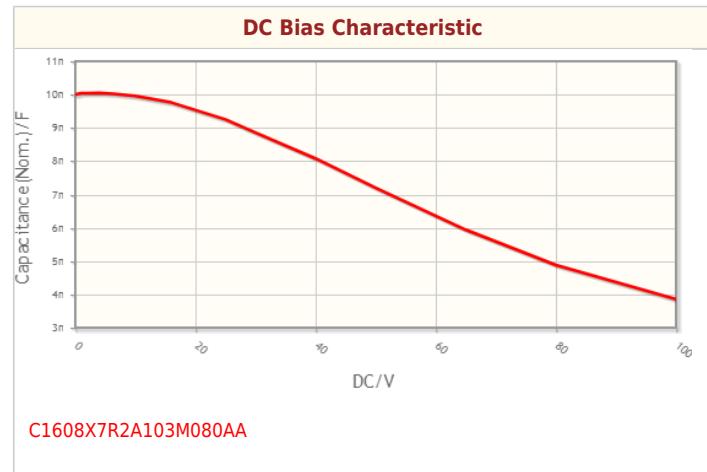
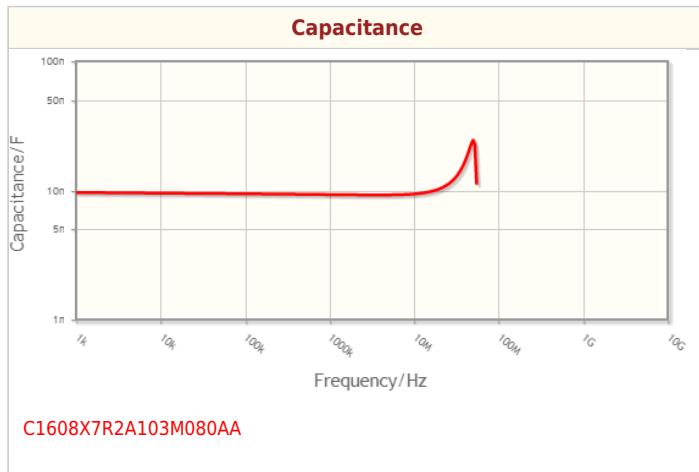
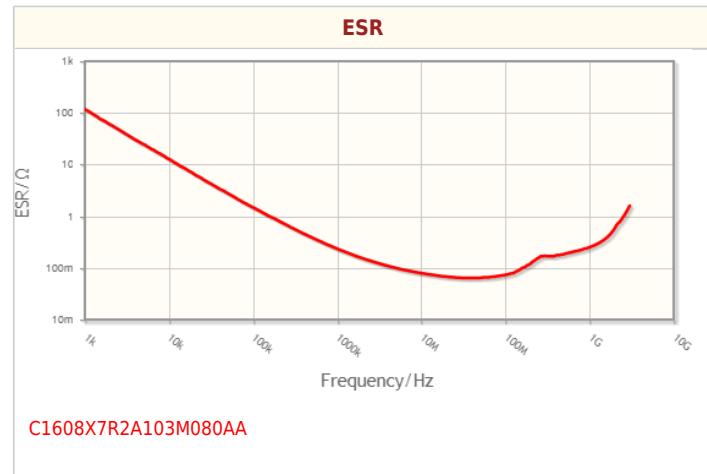
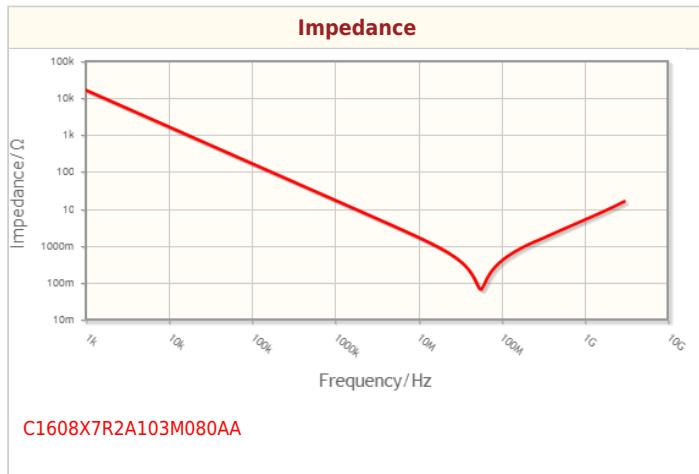
Soldering Method	Wave (Flow) Reflow
AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! Images are for reference only and show exemplary products.

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

! All specifications are subject to change without notice.

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

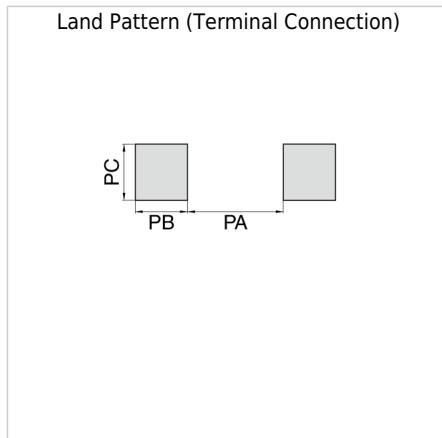


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Associated Images



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