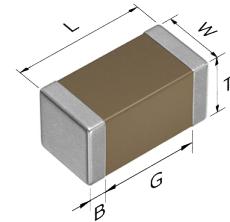


CGA3E2X7R2A103K080AA

**TDK item description** CGA3E2X7R2A103KT****

Applications	Automotive Grade
Feature	Mid Voltage (100 to 630V) AEC-Q200
Series	CGA3(1608) [EIA 0603]
Status	Production



Size	
Length(L)	1.60mm ± 0.10 mm
Width(W)	0.80mm ± 0.10 mm
Thickness(T)	0.80mm ± 0.10 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 $\pm 10\%$
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	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! Images are for reference only and show exemplary products.

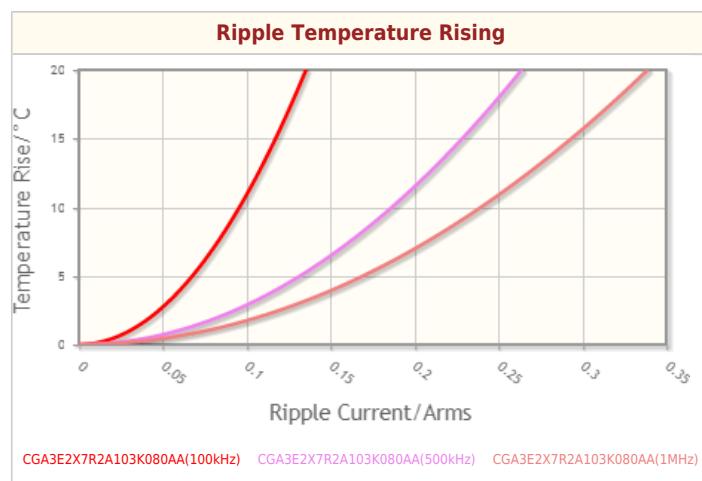
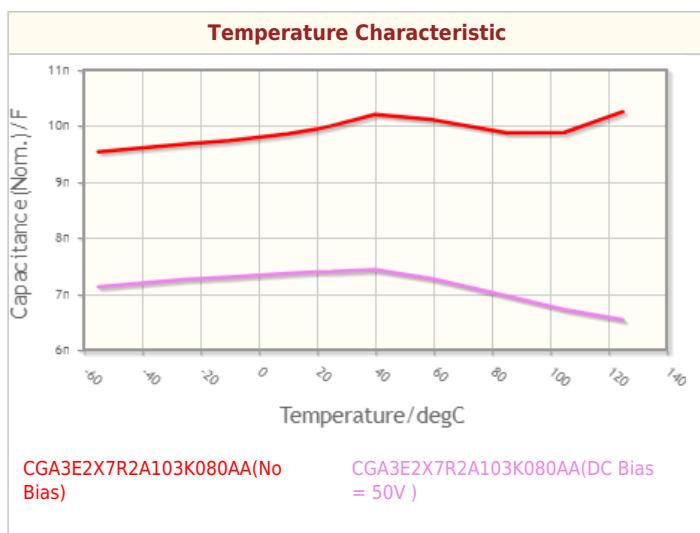
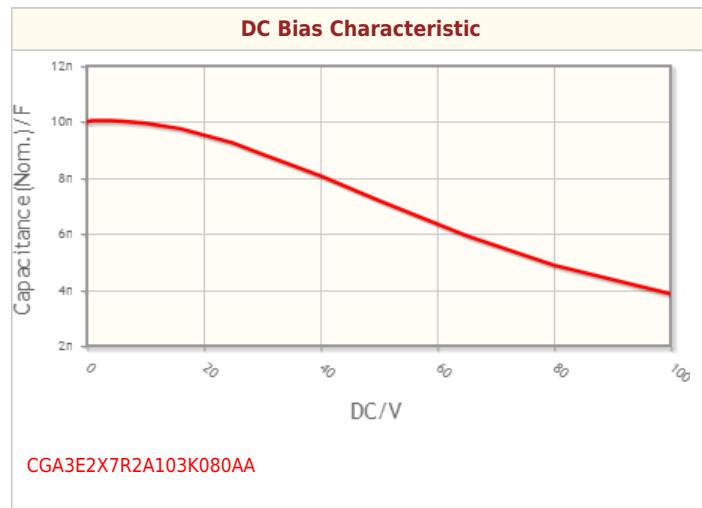
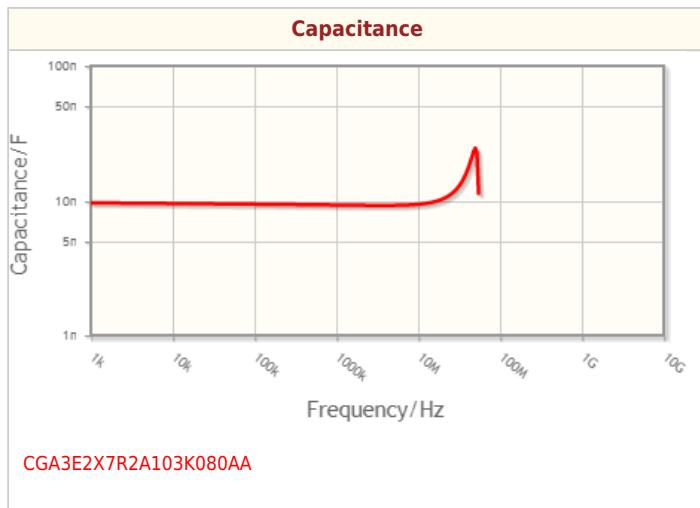
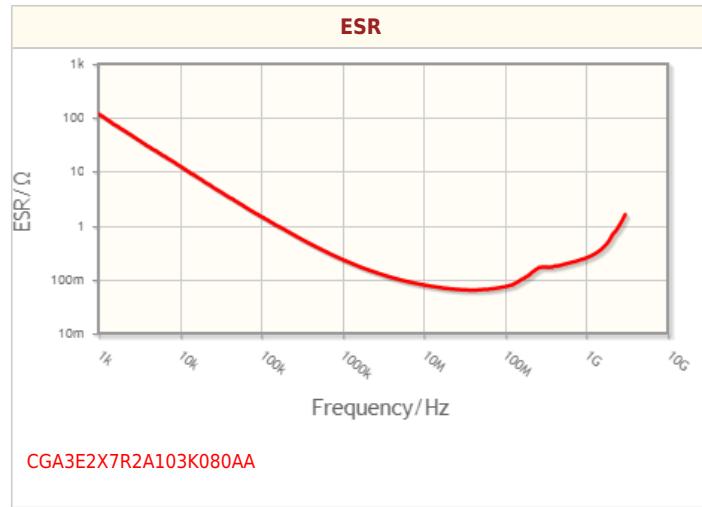
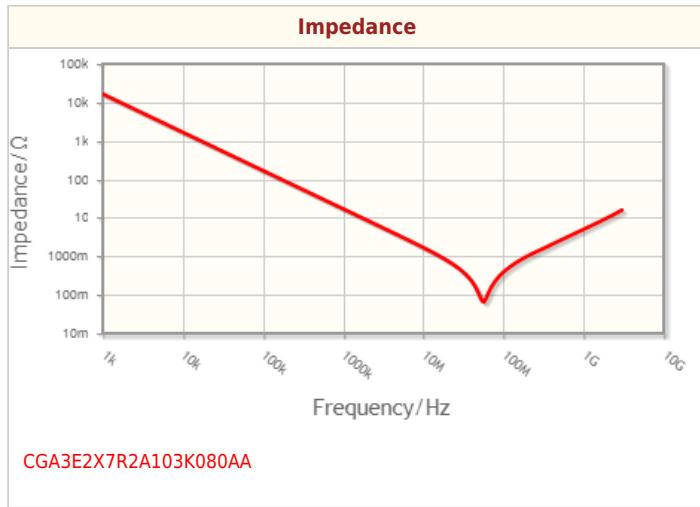
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! All specifications are subject to change without notice.

CGA3E2X7R2A103K080AA



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



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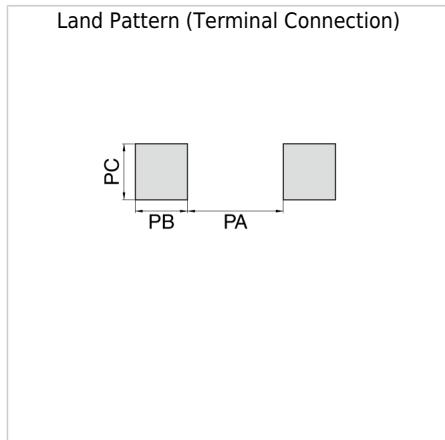
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CGA3E2X7R2A103K080AA



Associated Images



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