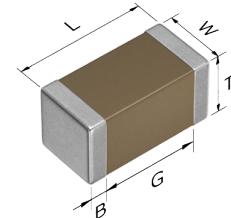


CGA3E2X8R1H103K080AD

**TDK item description** CGA3E2X8R1H103KT\*\*\*B

<b>Applications</b>	Automotive Grade
	150°C High Temperature Application
<b>Feature</b>	Conductive Epoxy Application
	AEC-Q200
<b>Series</b>	CGA3(1608) [EIA 0603]
<b>Status</b>	Production



<b>Size</b>	
Length(L)	1.60mm $\pm 0.15$ mm
Width(W)	0.80mm $\pm 0.15$ mm
Thickness(T)	0.80mm $\pm 0.15$ 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)

<b>Electrical Characteristics</b>	
Capacitance	10nF $\pm 10\%$
Rated Voltage	50VDC
Temperature Characteristic	X8R( $\pm 15\%$ )
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000M $\Omega$

<b>Other</b>	
Soldering Method	Conductive Epoxy
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

! Images are for reference only and show exemplary products.

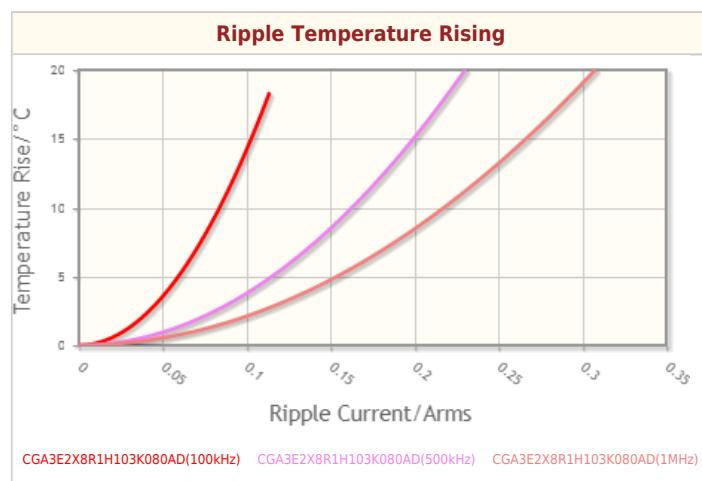
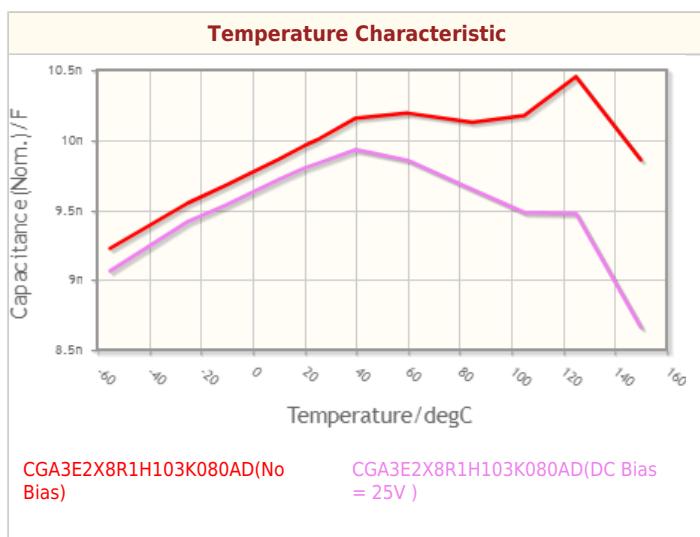
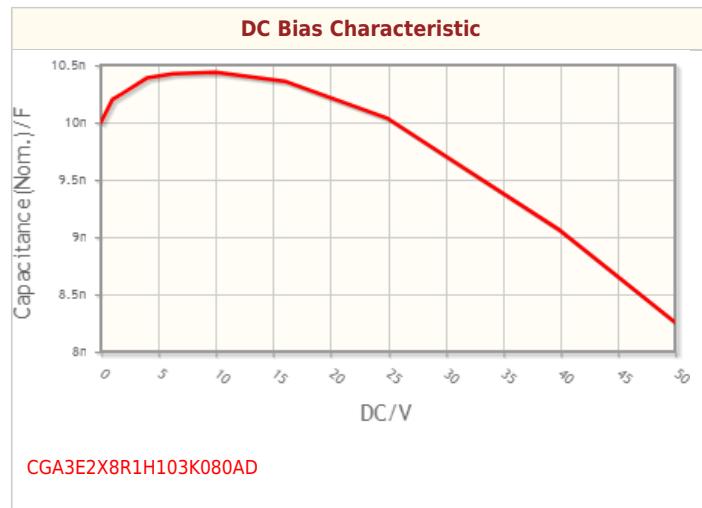
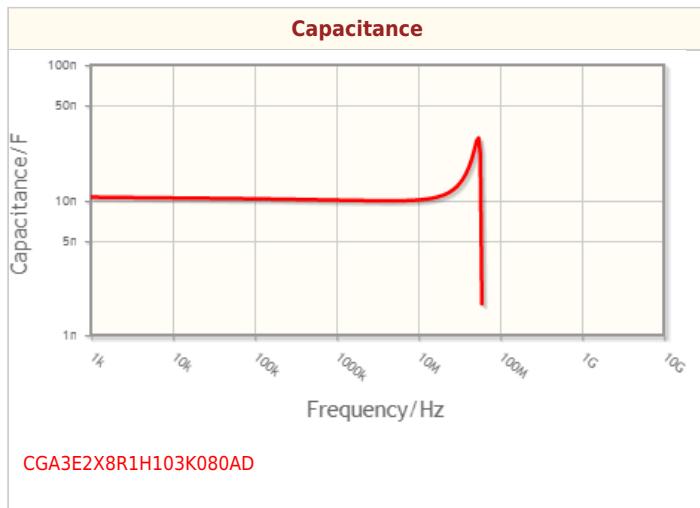
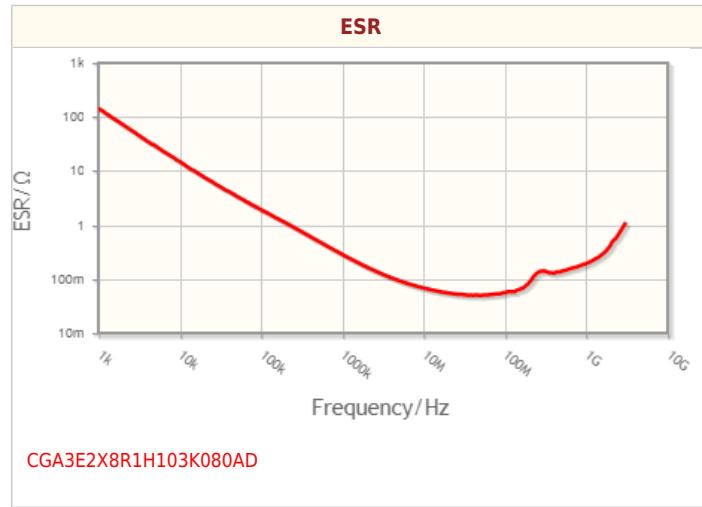
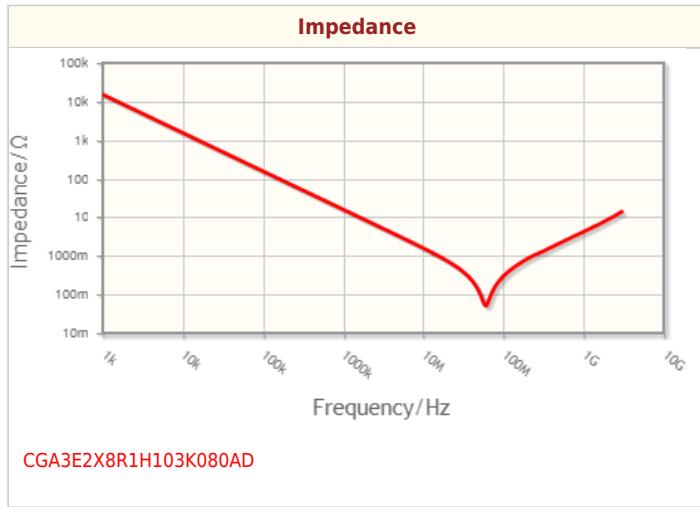
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! All specifications are subject to change without notice.

CGA3E2X8R1H103K080AD



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



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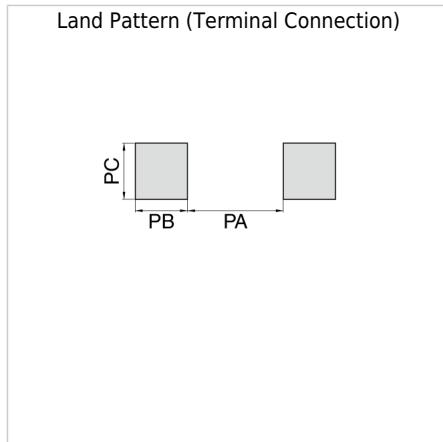
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CGA3E2X8R1H103K080AD



## Associated Images



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