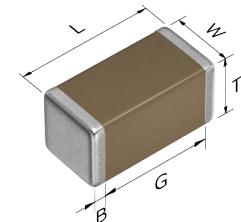


CGA2B2X8R1H221K050BA

**TDK item description** CGA2B2X8R1H221KT****

Applications	 Automotive Grade
Feature	AEC-Q200  AEC-Q200
	 150°C High Temperature Application
Series	CGA2(1005) [EIA 0402]
Status	 Production
Brand	TDK



Size	
Length(L)	1.00mm ± 0.05 mm
Width(W)	0.50mm ± 0.05 mm
Thickness(T)	0.50mm ± 0.05 mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

Electrical Characteristics	
Capacitance	220pF $\pm 10\%$
Rated Voltage	50VDC
Temperature Characteristic	X8R($\pm 15\%$)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000M Ω

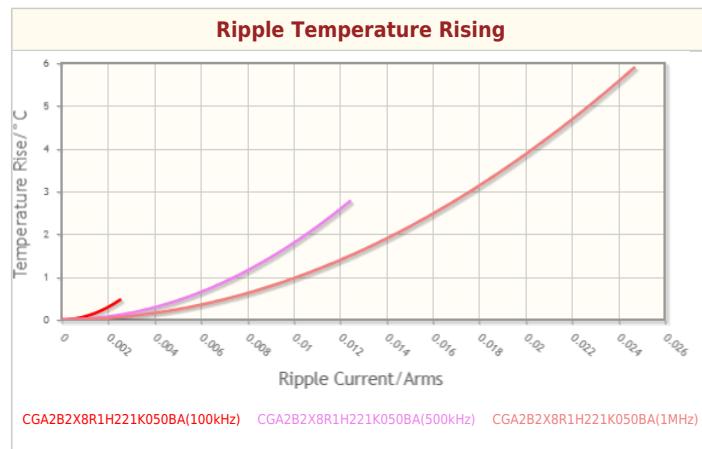
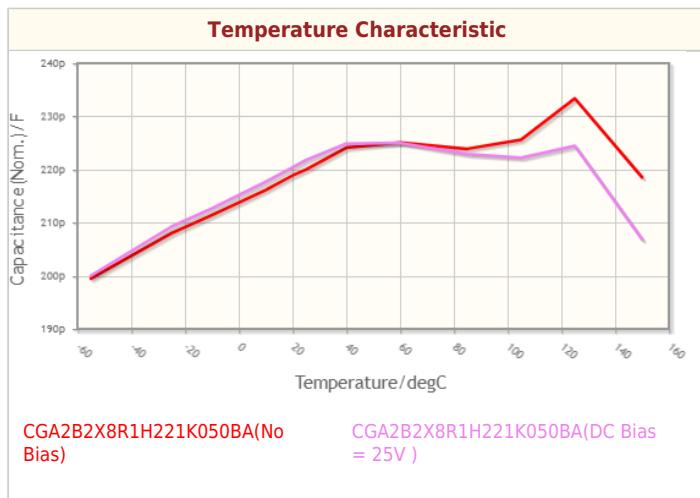
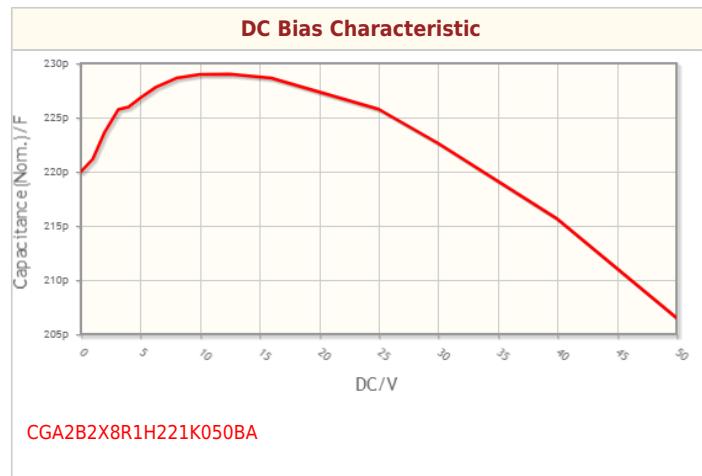
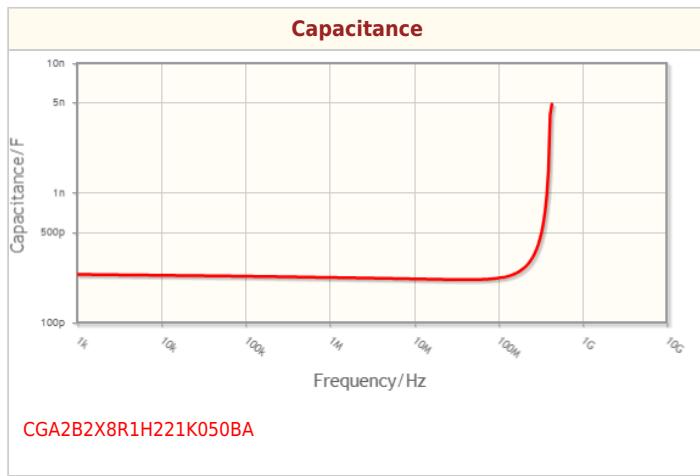
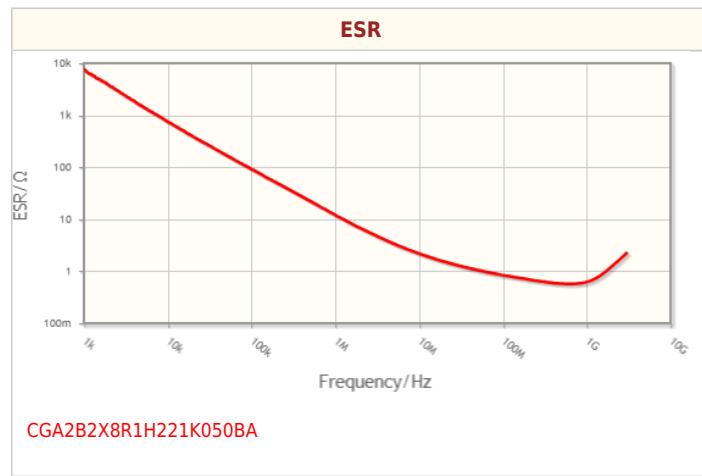
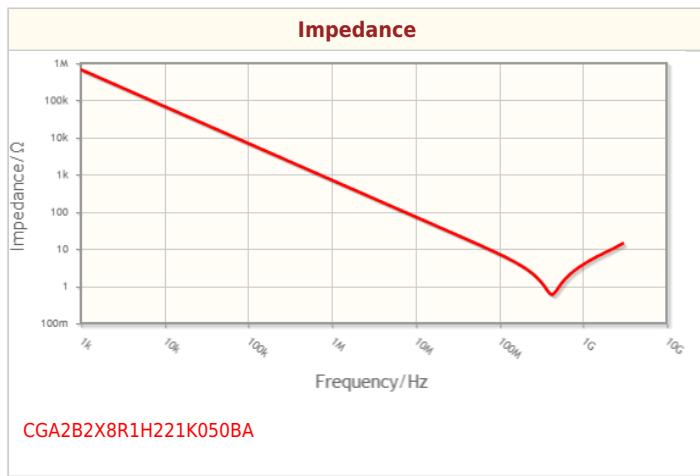
Other	
Operating Temp. Range	-55 to 150°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

! 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.

CGA2B2X8R1H221K050BA



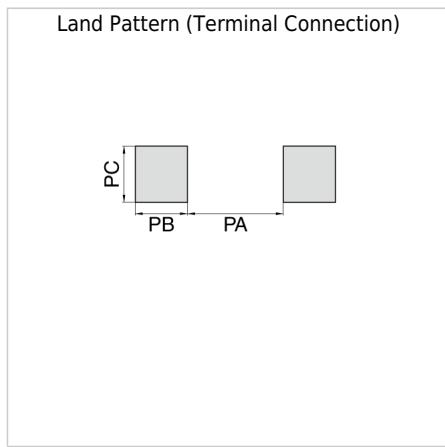
Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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