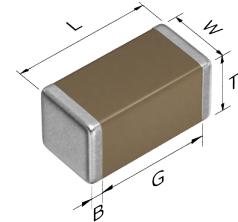


CGA2B3X7S2A102K050BB

**TDK item description** CGA2B3X7S2A102KT\*\*\*\*

<b>Applications</b>	Automotive Grade
<b>Feature</b>	Mid Voltage (100 to 630V) AEC-Q200
<b>Series</b>	CGA2(1005) [EIA 0402]
<b>Status</b>	Production



Size	
Length(L)	1.00mm $\pm 0.05$ mm
Width(W)	0.50mm $\pm 0.05$ mm
Thickness(T)	0.50mm $\pm 0.05$ 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	1nF $\pm 10\%$
Rated Voltage	100VDC
Temperature Characteristic	X7S( $\pm 22\%$ )
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	10000M $\Omega$

Other	
Soldering Method	Reflow
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

! Images are for reference only and show exemplary products.

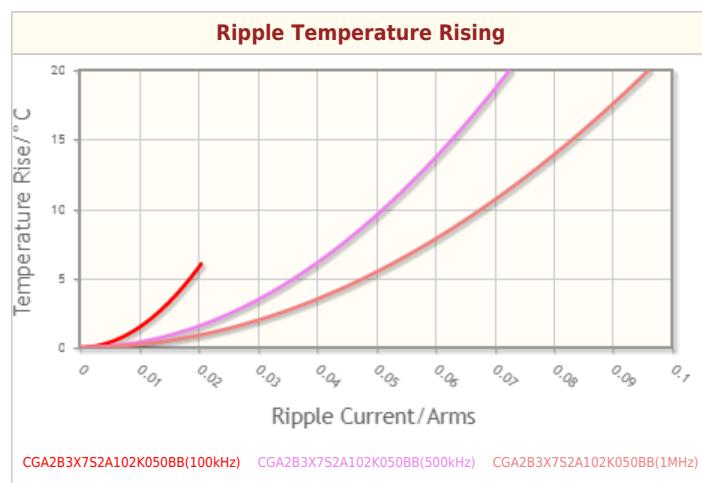
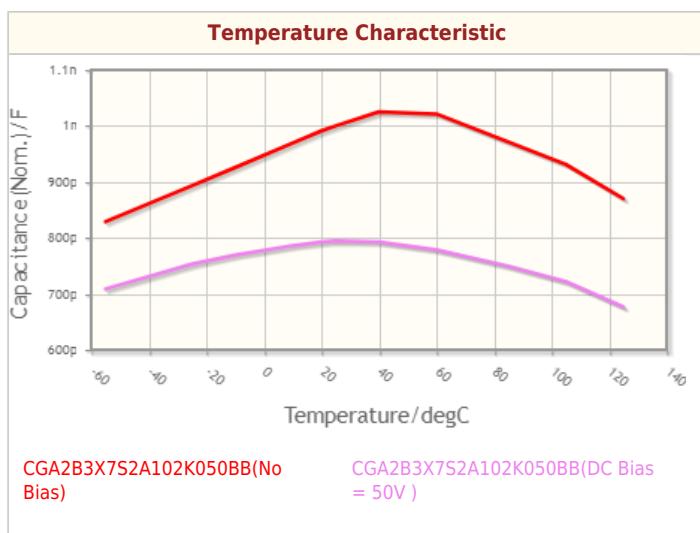
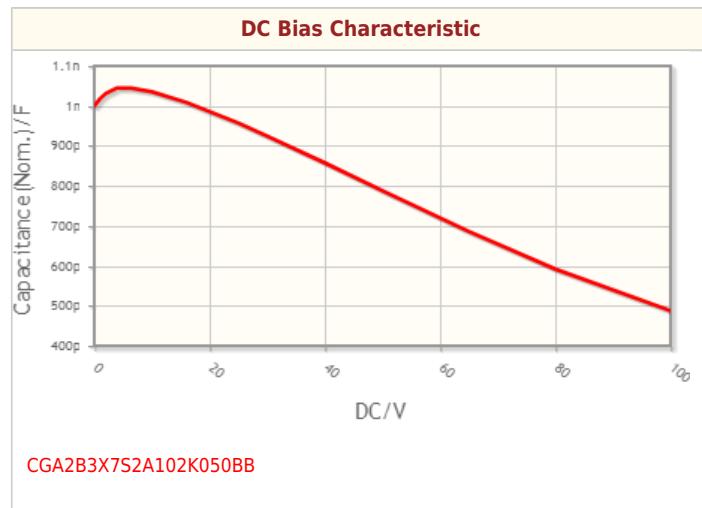
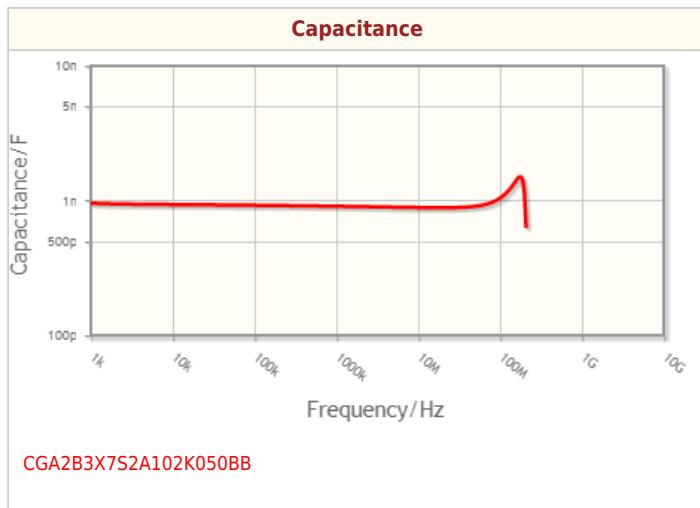
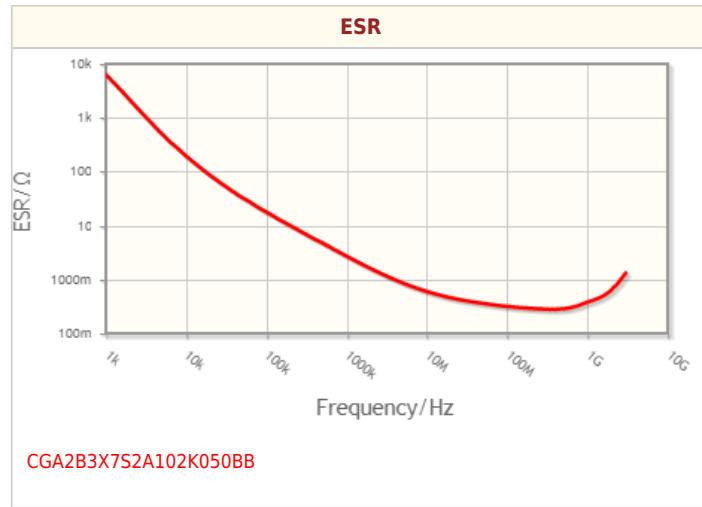
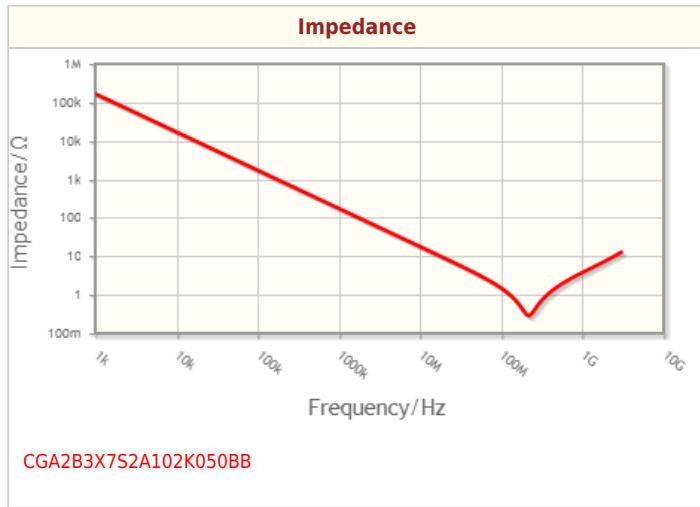
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! All specifications are subject to change without notice.

CGA2B3X7S2A102K050BB



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



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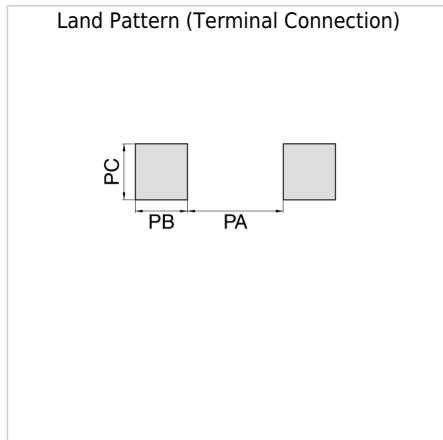
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## Associated Images



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