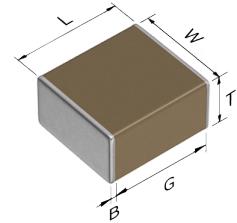


CGA9N3X7R1H106K230KB

**TDK item description** CGA9N3X7R1H106KT****

Applications	 Automotive Grade
Feature	 AEC-Q200  General (Up to 50V)
Series	CGA9(5750) [EIA 2220]
Status	 Production
Brand	TDK

**Size**

Length(L)	5.70mm ± 0.40 mm
Width(W)	5.00mm ± 0.40 mm
Thickness(T)	2.30mm ± 0.20 mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	4.10mm to 4.80mm
Recommended Land Pattern (PB)	1.20mm to 1.40mm
Recommended Land Pattern (PC)	4.00mm to 5.00mm

Electrical Characteristics

Capacitance	10 μ F $\pm 10\%$
Rated Voltage	50VDC
Temperature Characteristic	X7R($\pm 15\%$)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	50M Ω

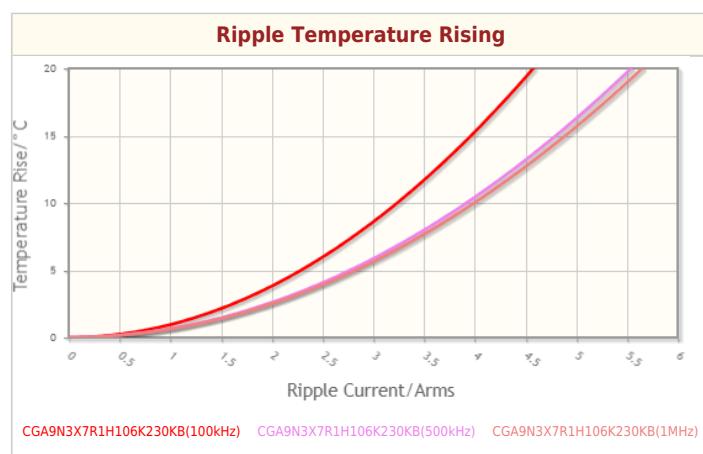
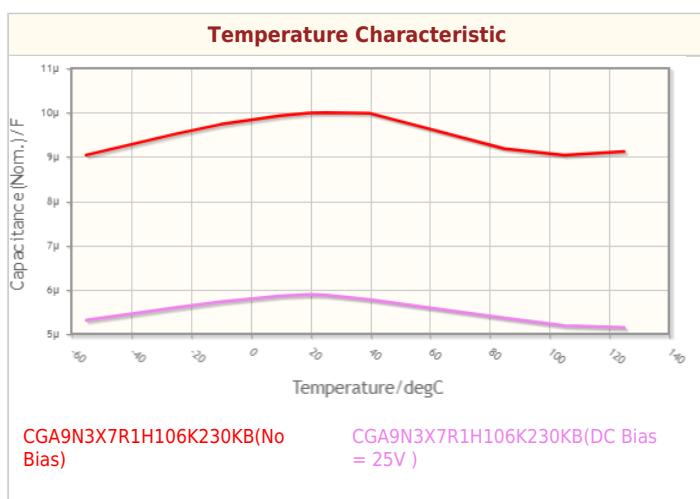
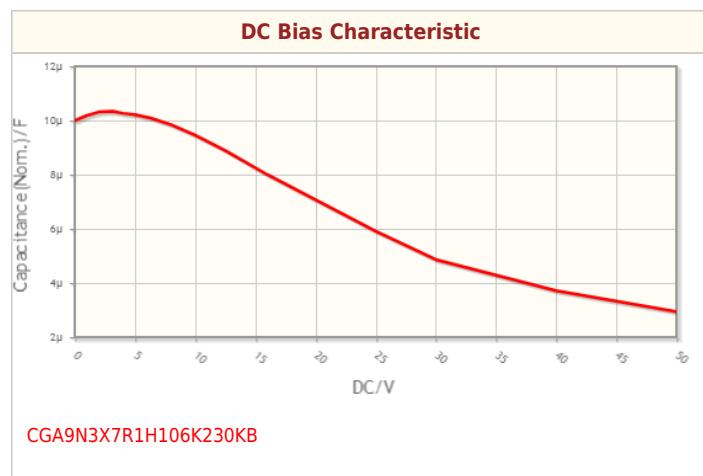
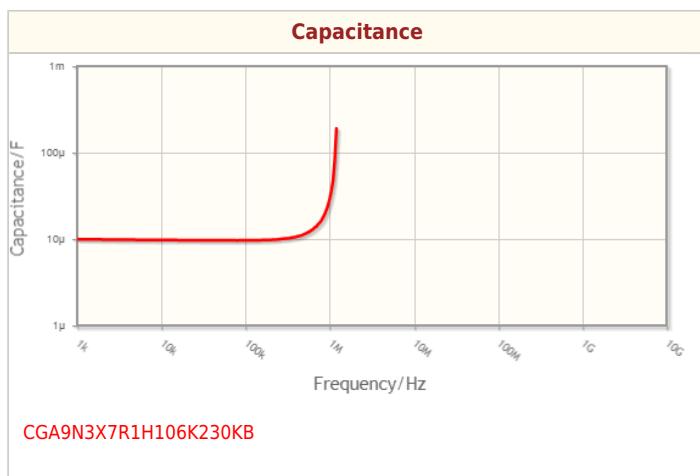
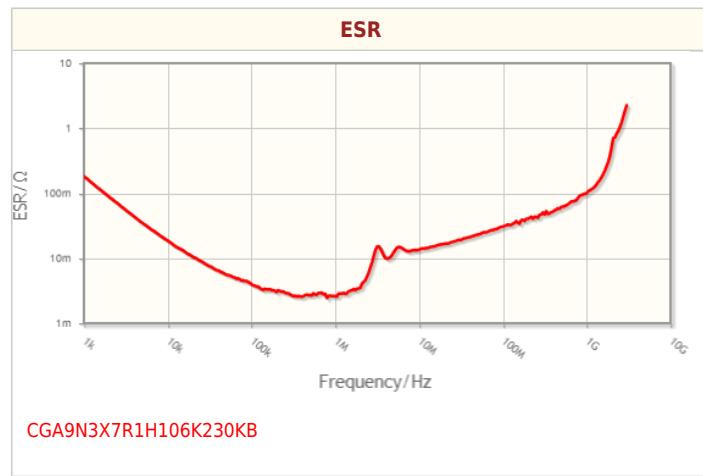
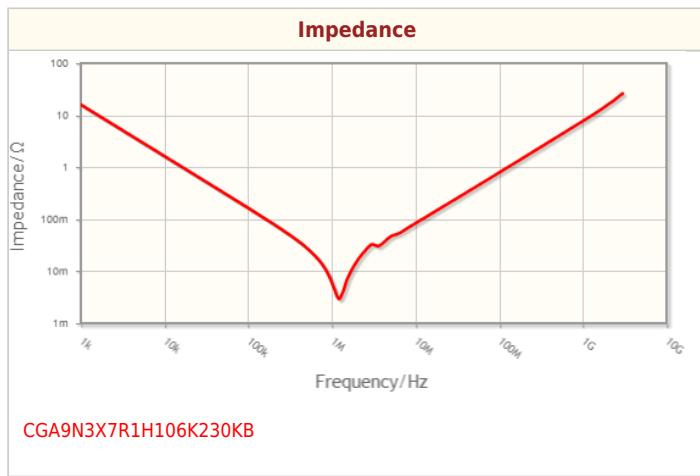
Other

Operating Temp. Range	-55 to 125°C
Soldering Method	Reflow
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	500pcs

! 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

