

CGA7K1X7R3D102K130KE



TDK item description CGA7K1X7R3D102KT***S

Applications Automotive Grade

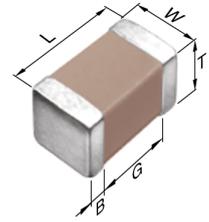
Feature High High Voltage (1000V and over)

Soft Soft Termination

AEC-Q200 AEC-Q200

Series CGA7(4520) [EIA 1808]

Status Production



Dimensions in mm

Size	
Length(L)	4.50mm +0.50,-0.40mm
Width(W)	2.00mm +0.30,-0.20mm
Thickness(T)	1.30mm ±0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	3.10mm to 3.70mm
Recommended Land Pattern (PB)	1.20mm to 1.40mm
Recommended Land Pattern (PC)	1.50mm to 2.00mm
Recommended Slit Pattern (SD)	1.00mm to 1.30mm

Electrical Characteristics	
Capacitance	1nF ±10%
Rated Voltage	2kVDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

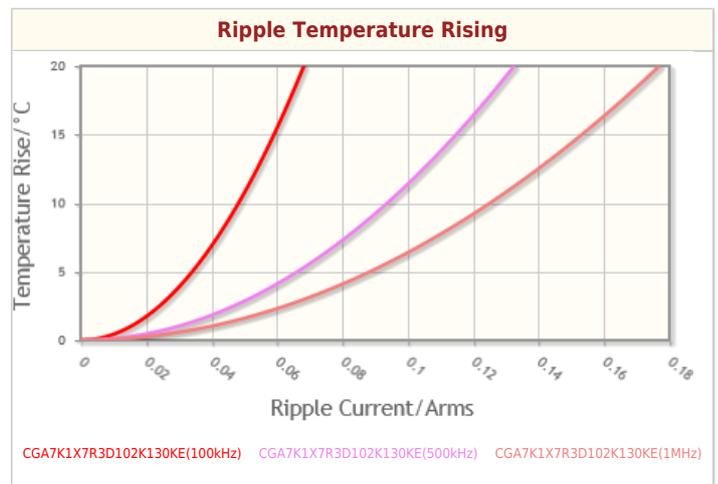
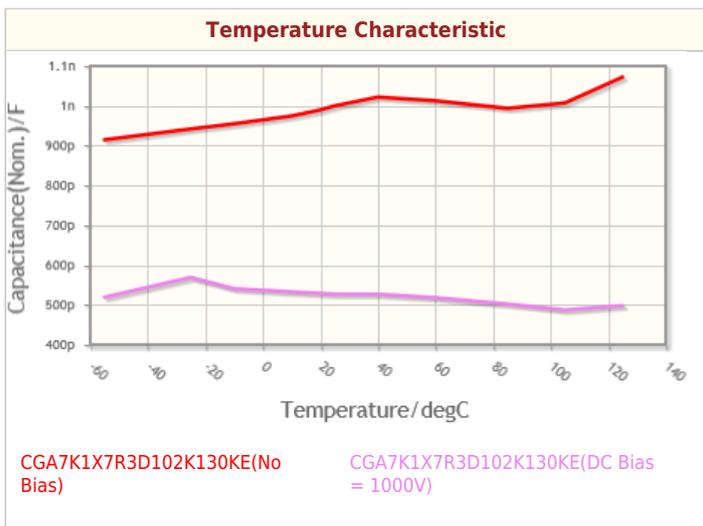
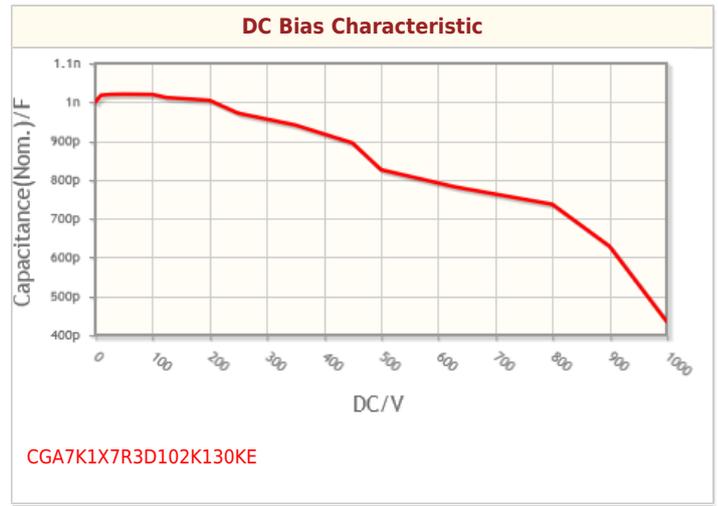
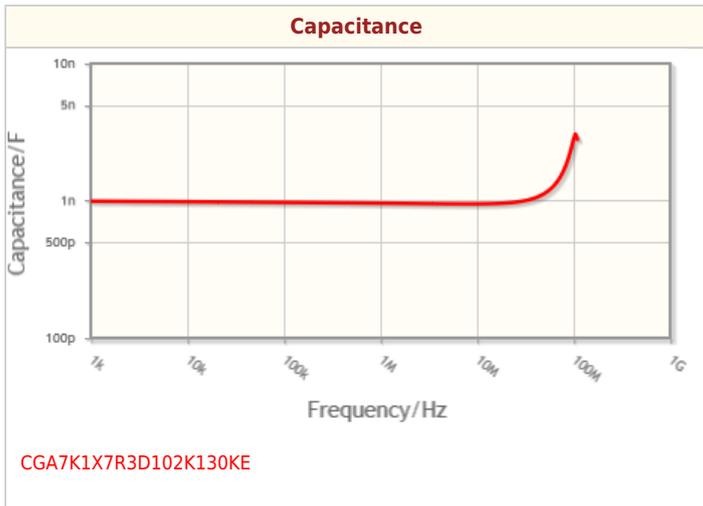
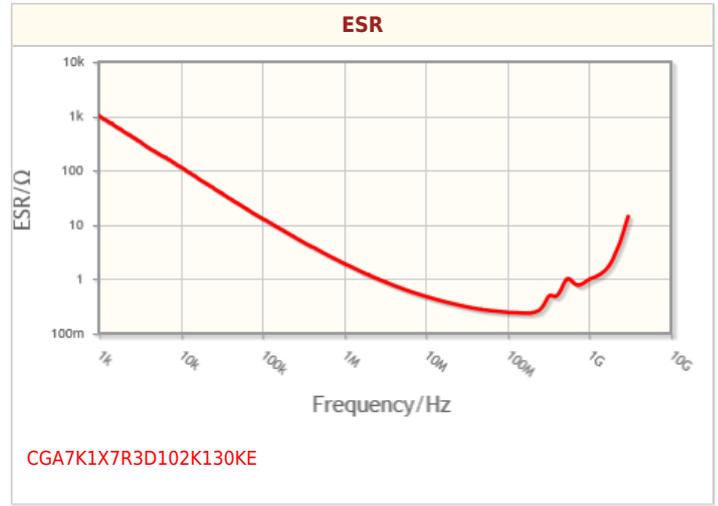
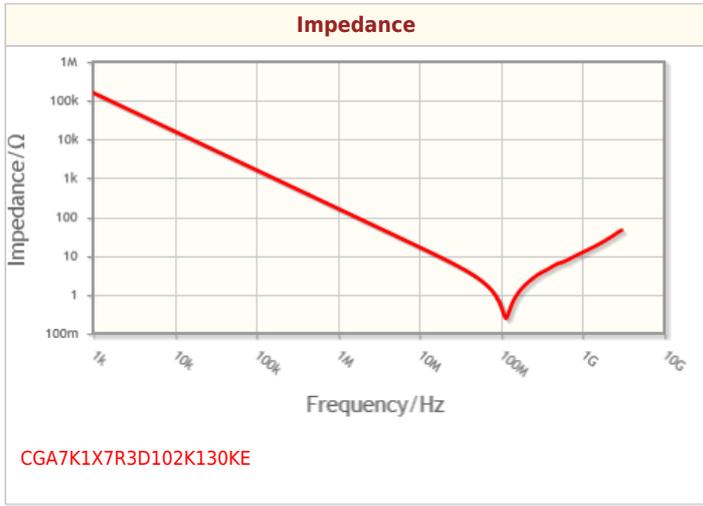
Other	
Soldering Method	Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs

! Images are for reference only and show exemplary products.
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! All specifications are subject to change without notice.

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



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Associated Images

