

Capacitors

Multilayer Ceramic Chip Capacitors

Product Top Page

Search by Part No.

Search by Characteristics

Cross Reference

Catalog

Tech Notes

Technical Support Tools

Help

C3225X7T2J104K160AC

Multilayer Ceramic Chip Capacitors

(TDK item description : C3225X7T2J104KT****)

Applications

Commercial Grade

Please refer to Part No. CGA6L1X7T2J104K160AC for automotive use.

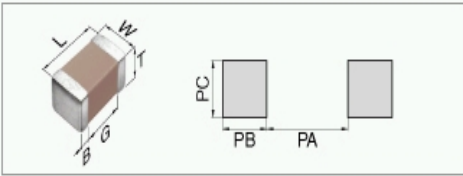
Feature

Mid

Mid Voltage (100 to 630V)

Series

C3225 [EIA CC1210]



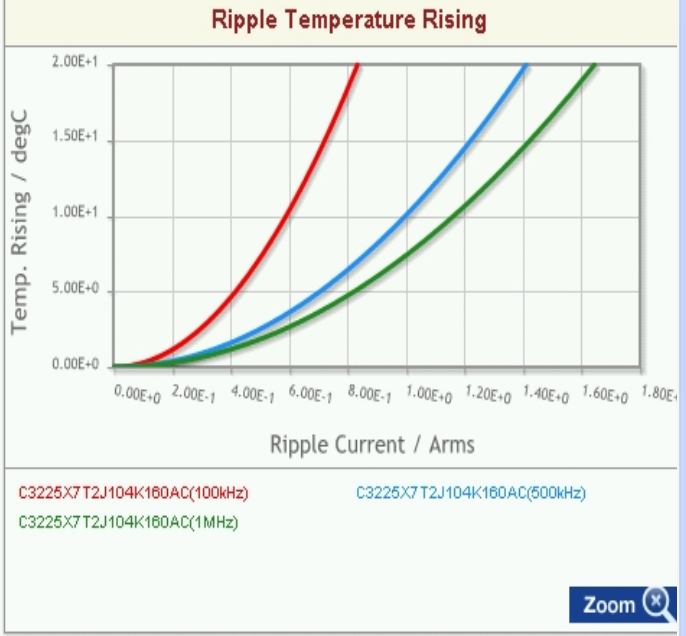
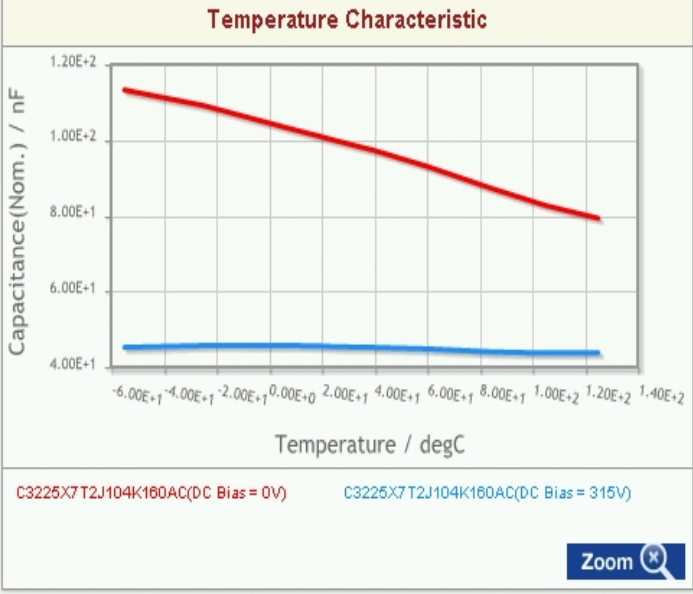
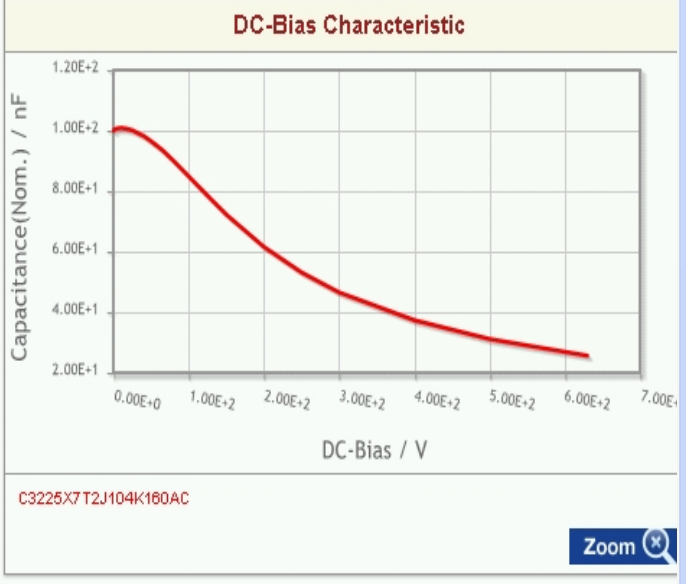
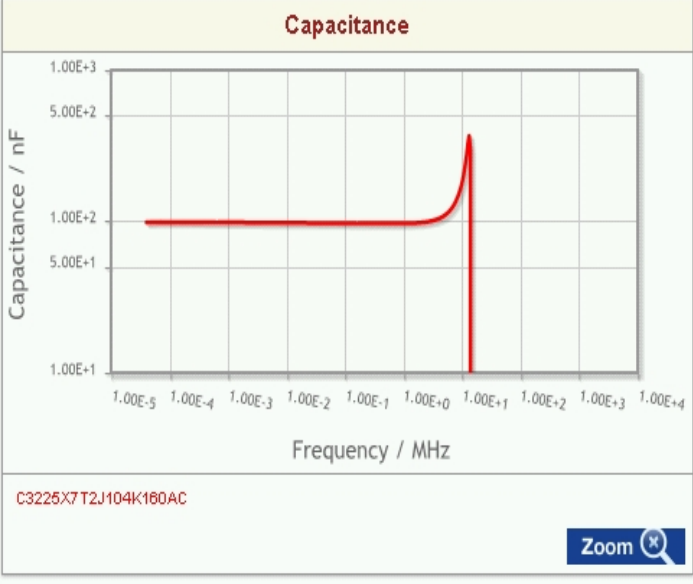
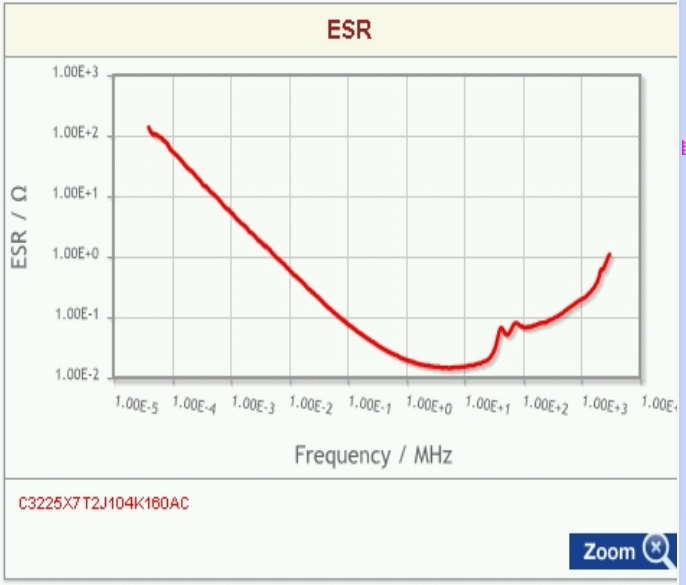
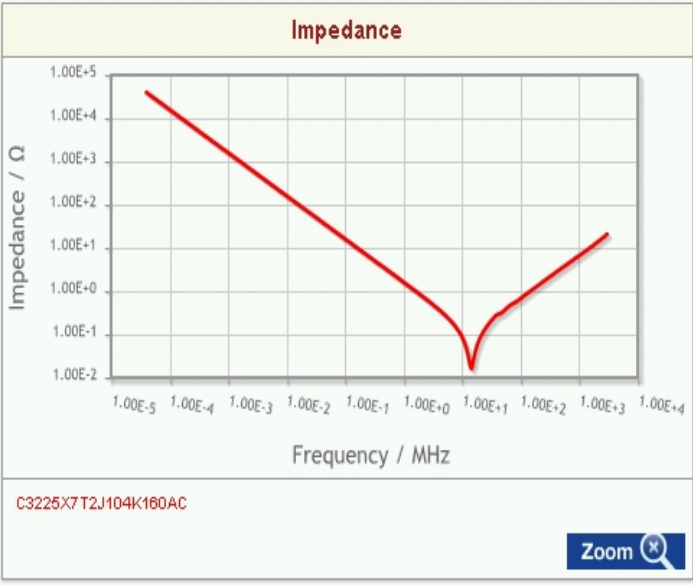
Size	
Length(L)	3.20mm +/-0.40mm
Width(W)	2.50mm +/-0.30mm
Thickness(T)	1.60mm +/-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern(PA)	2.00 to 2.40mm
Recommended Land Pattern(PB)	1.00 to 1.20mm
Recommended Land Pattern(PC)	1.90 to 2.50mm
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	100nF +/-10%
Rated Voltage	630Vdc
Temperature Characteristic	X7T(+22,-33%)
Dissipation Factor	2.5% Max.
Insulation Resistance	5000MQ Min.

Other	
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.

Characteristic Graphs

(This is reference data, and does not guarantee the product's characteristics.)



Products

» Search by Part No. » Search by Characteristics » Distributor Inventory Check

» Capacitors

» Inductors (Coils)

» EMC Components

» RF / SAW Components and Modules

» Voltage Protection Devices

» Current Protection Devices

» Temperature Protection Devices

» Sensors and Sensor Systems

» Ceramic Switching / Heating, Piezo Components and Buzzers

» Transformers

» Ferrites and Accessories

» Noise Suppression Sheets / Magnetic Sheets

» Anechoic Chambers and Radio Wave Absorbers

» Power Supplies

» Magnets

» Flash Storage

» Wireless Charging

» FA Systems

» ITO Transparent Conductive Film

» Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

Application Guides

Technical Support

Tech Library

Environment

Contact

News

Home

About TDK

TDK Worldwide