

Product Status

Production

TDK Item Description

C3225C0G2A683J****

Applications

Commercial Grade

Please refer to Part No. [CGA6N2C0G2A683J230AA](#) for Automotive use.

Feature

Mid Voltage (100 to 630V)

Series

C3225 [EIA 1210]

Brand

TDK

Environmental

Compliance



RoHS



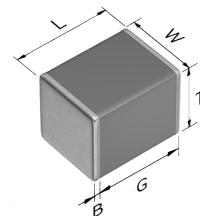
REACH



Halogen Free



Lead Free



Size

Length(L)	3.20mm \pm 0.40mm
Width(W)	2.50mm \pm 0.30mm
Thickness(T)	2.30mm \pm 0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern (PA)	2.00mm to 2.40mm
Recommended Land Pattern (PB)	1.00mm to 1.20mm
Recommended Land Pattern (PC)	1.90mm to 2.50mm

Electrical Characteristics

Capacitance	68nF \pm 5%
Rated Voltage	100VDC
Temperature Characteristic	C0G(0 ± 30 ppm/ $^{\circ}$ C)
Q (Min.)	1000
Insulation Resistance (Min.)	7352M Ω
Allowable Voltage	
Allowable Current	

Other

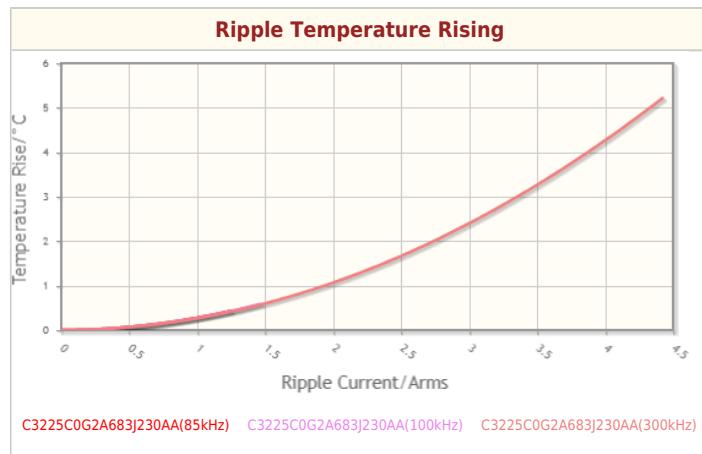
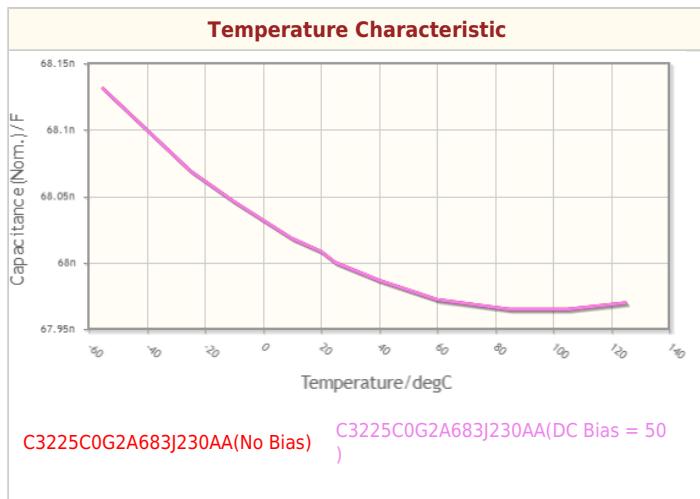
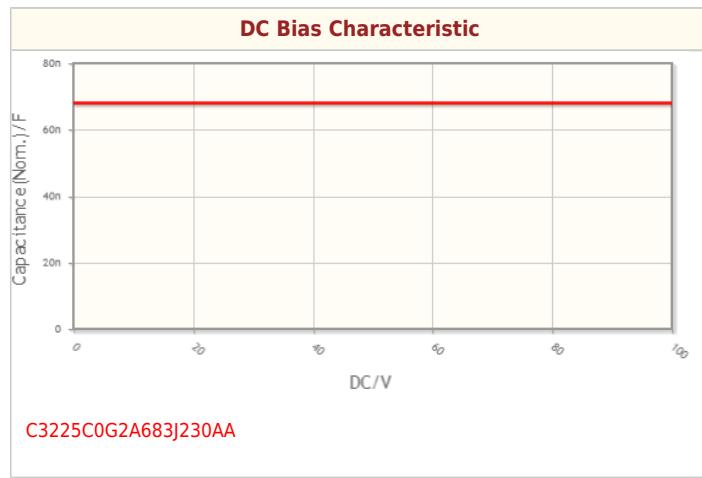
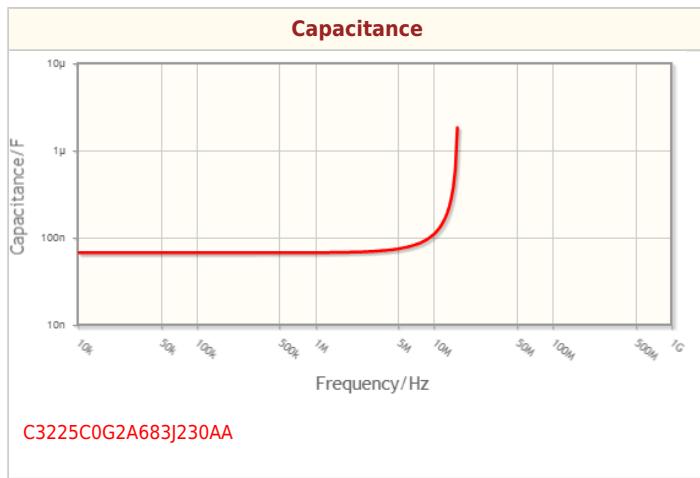
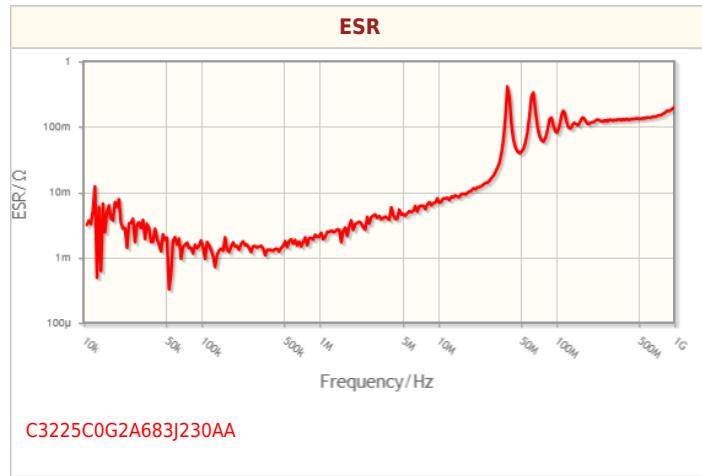
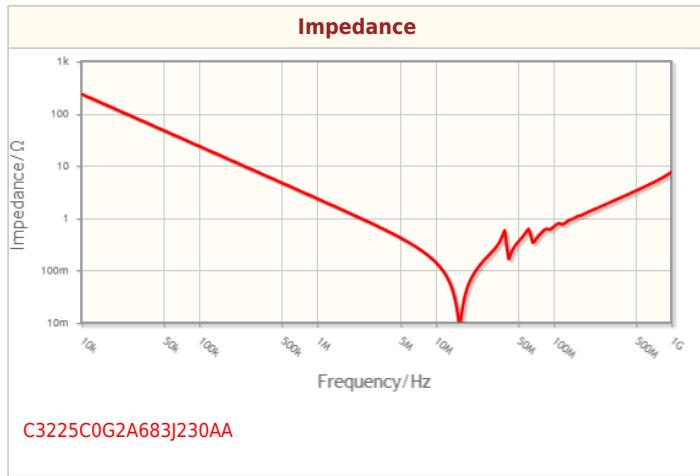
Operating Temp. Range	-55 to 125 $^{\circ}$ C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs

! 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.)

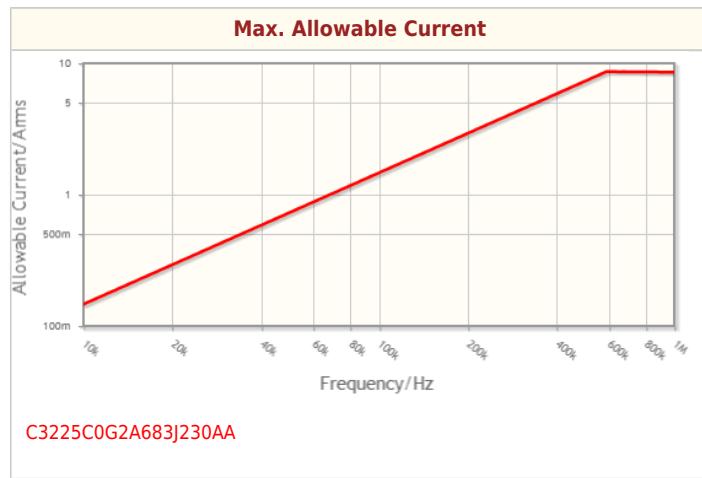
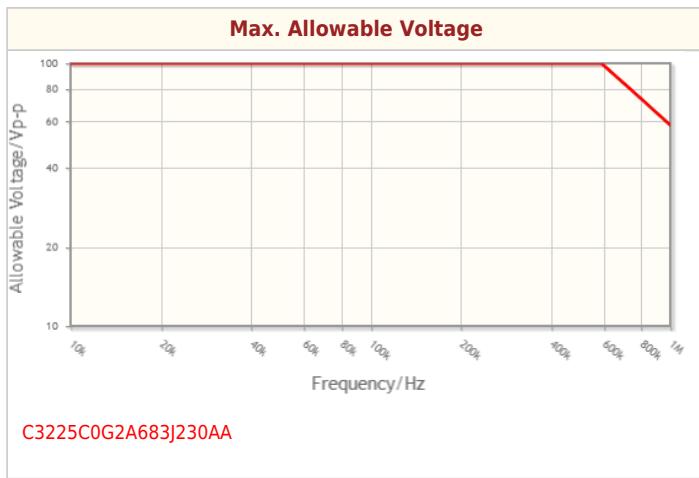


! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

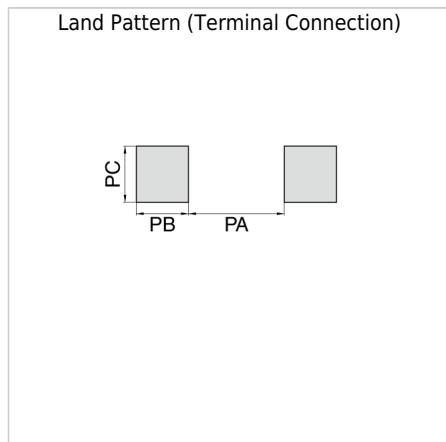
! All specifications are subject to change without notice.

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



! 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.

Associated Images



! 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.