



**TDK item description** C2012C0G2A153JT\*\*\*S

### Applications



Commercial Grade

Please refer to Part No. [CGA4F1C0G2A153J085AE](#) for Automotive use.

### Feature



Mid Voltage (100 to 630V)



Soft Termination

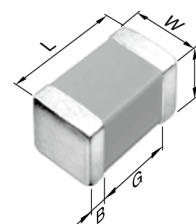
### Series

C2012 [EIA 0805]

### Status



Production



Dimensions in mm

Size	
Length(L)	2.00mm +0.45,-0.20mm
Width(W)	1.25mm +0.25,-0.20mm
Thickness(T)	0.85mm ±0.15mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.50mm Min.
Recommended Land Pattern (PA)	1.00mm to 1.30mm(Flow Soldering)
	0.90mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.00mm to 1.20mm(Flow Soldering)
	0.70mm to 0.90mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.80mm to 1.10mm(Flow Soldering)
	0.90mm to 1.20mm(Reflow Soldering)

Electrical Characteristics	
Capacitance	15nF ±5%
Rated Voltage	100VDC
Temperature Characteristic	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

Other	
Soldering Method	Wave (Flow)
	Reflow
AEC-Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs

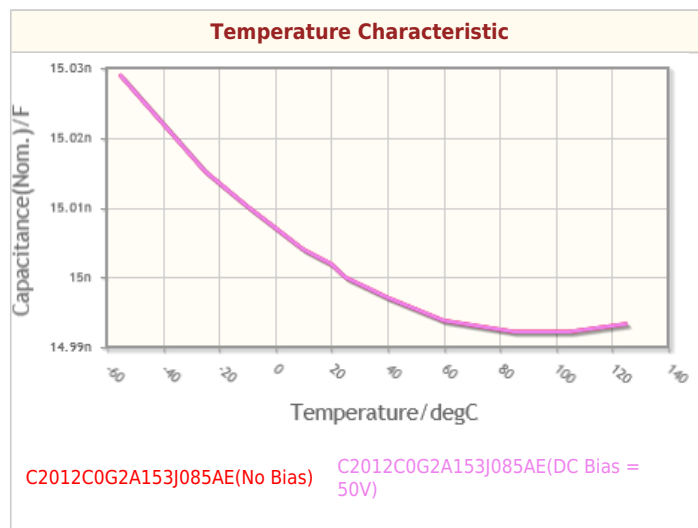
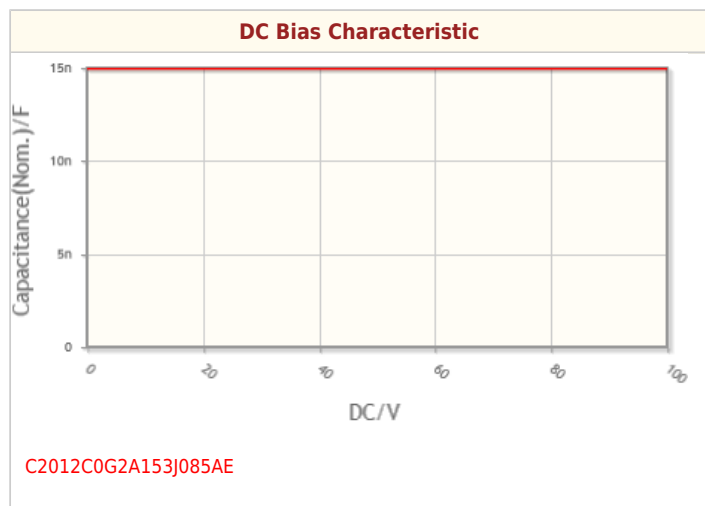
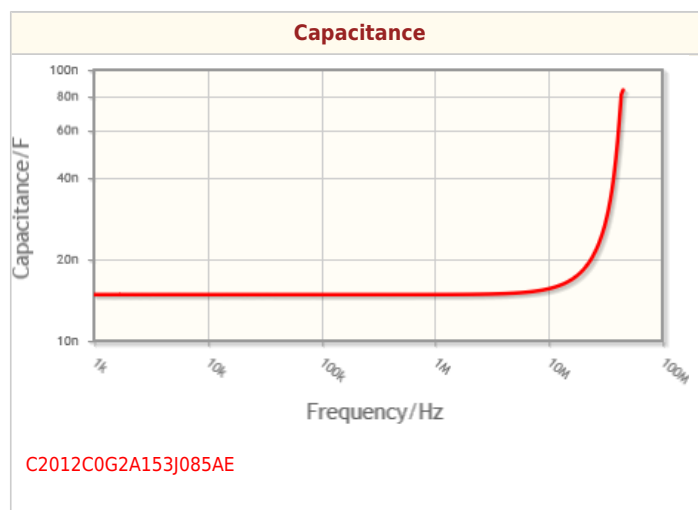
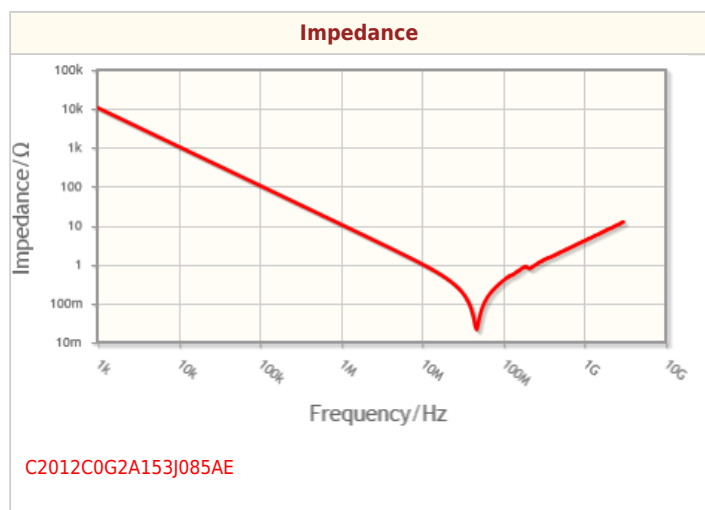
! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

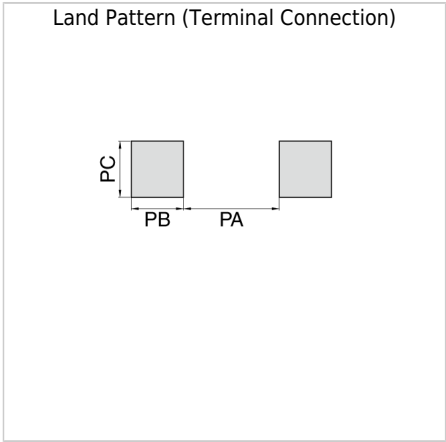


## Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)





# Associated Images



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