

Obsolete

Product Status Recommended Alternate Part No. : [C2012C0G1H153J085AA](#) (Interchangeability is not guaranteed.)

TDK Item Description C2012C0G1E153J****

Applications Commercial Grade

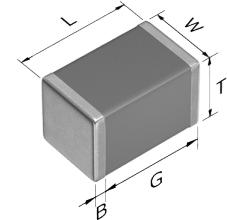
Feature General (General (Up to 75V))

Series C2012 [EIA 0805]

Brand TDK

Environmental Compliance

-  RoHS
-  REACH
-  Halogen Free
-  Lead Free

**Size**

Length(L) 2.00mm ± 0.20 mm

Width(W) 1.25mm ± 0.20 mm

Thickness(T) 0.85mm ± 0.15 mm

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 $\pm 5\%$

Rated Voltage 25VDC

Temperature Characteristic C0G(0 ± 30 ppm/ $^{\circ}$ C)

Q (Min.) 1000

Insulation Resistance (Min.) 10000M Ω

Allowable Voltage

Allowable Current

Other

Operating Temp. Range -55 to 125 $^{\circ}$ C

Soldering Method Wave (Flow)
Reflow

AEC-Q200 NO

Packing Punched (Paper)Taping [180mm Reel]

! Images are for reference only and show exemplary products.

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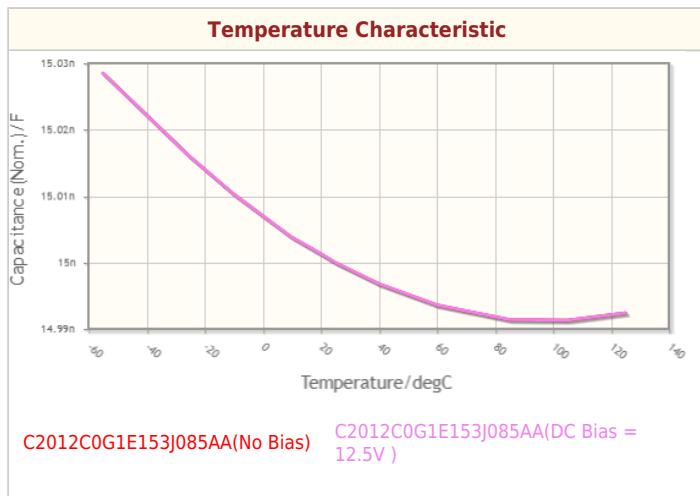
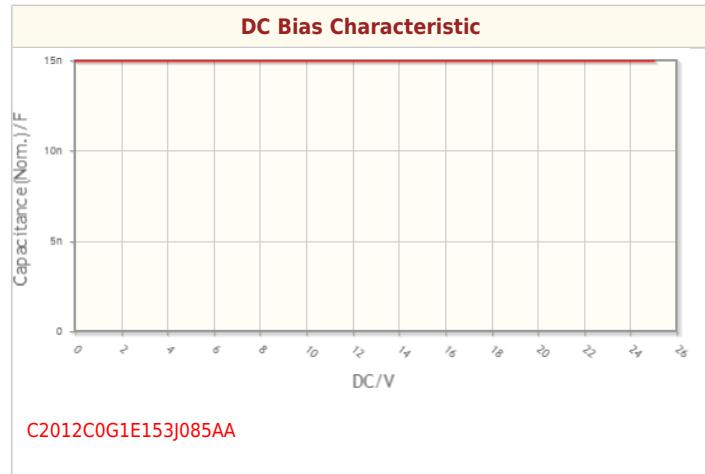
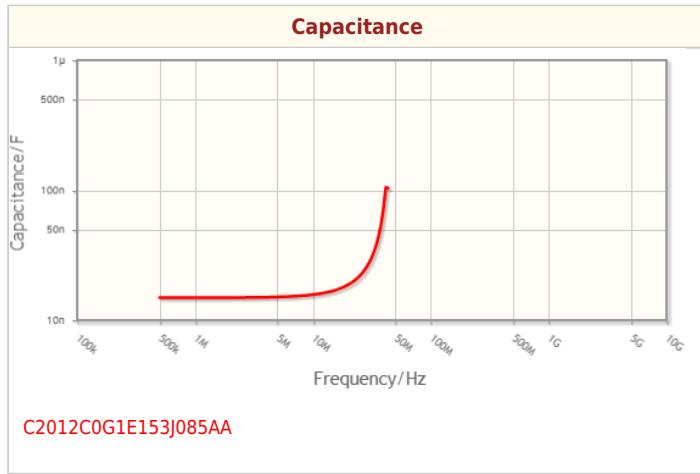
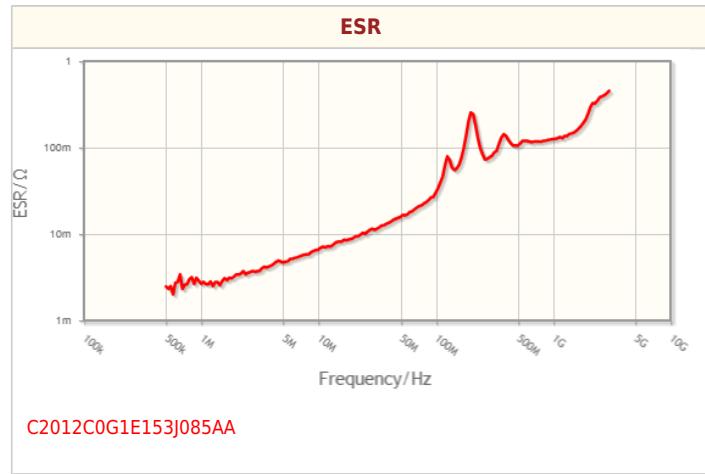
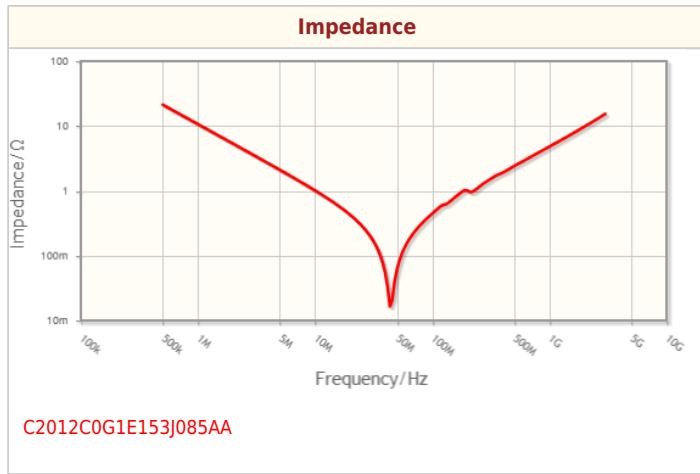
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Package Quantity

4000pcs

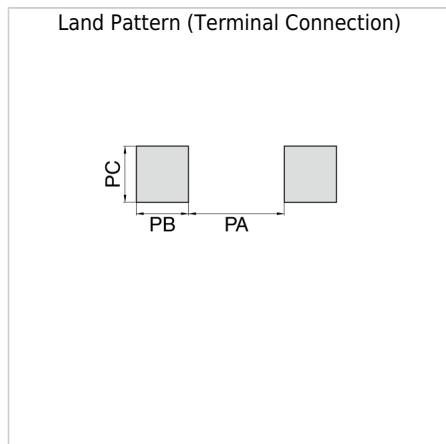
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Characteristic Graphs (This is reference data, and does not guarantee the products characteristics.)



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Associated Images



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