

# C2012C0G1E333J125AA (TDK item description : C2012C0G1E333JT\*\*\*\*)

Applications



Commercial Grade

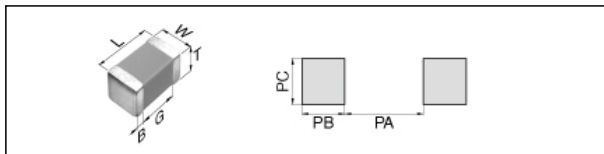
Feature

**General**

General (Up to 50V)

Series

C2012 [EIA CC0805]



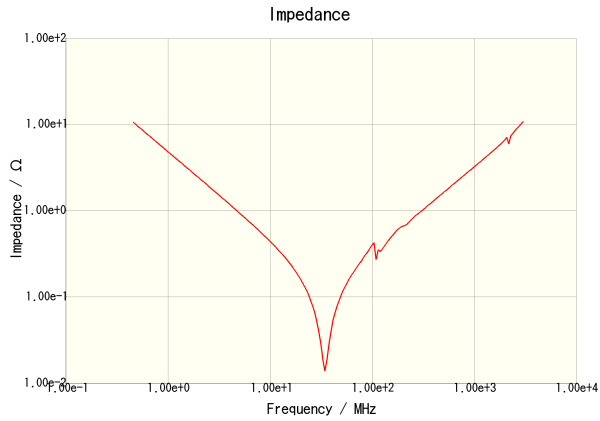
| Size                         |  |
|------------------------------|--|
| Length(L)                    | 2.00mm +/-0.20mm   |
| Width(W)                     | 1.25mm +/-0.20mm   |
| Thickness(T)                 | 1.25mm +/-0.20mm   |
| Terminal Width(B)            | 0.20mm Min.  |
| Terminal Spacing(G)          | 0.50mm Min.  |
| Recommended Land Pattern(PA) | 1.00 to 1.30mm (Flow Soldering)<br />0.90 to 1.20mm (Reflow Soldering) |
| Recommended Land Pattern(PB) | 1.00 to 1.20mm (Flow Soldering)<br />0.70 to 0.90mm (Reflow Soldering) |
| Recommended Land Pattern(PC) | 0.80 to 1.10mm (Flow Soldering)<br />0.90 to 1.20mm (Reflow Soldering) |
| Recommended Slit Pattern(SD) |  |

| Electrical Characteristics |                     |
|----------------------------|---------------------|
| Capacitance                | 33nF +/-5%          |
| Rated Voltage              | 25Vdc               |
| Temperature Characteristic | C0G(0+/-30ppm/degC) |
| Q                          | 1000 Min.           |
| Insulation Resistance      | 10000MΩ Min.        |

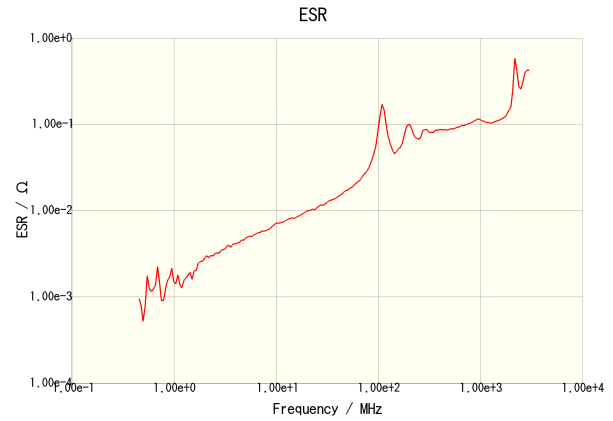
| Other            |                                      |
|------------------|--------------------------------------|
| Soldering Method | Reflow, Flow                         |
| AEC Q200         | No                                   |
| Packing          | Blister (Plastic)Taping [180mm Reel] |
|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

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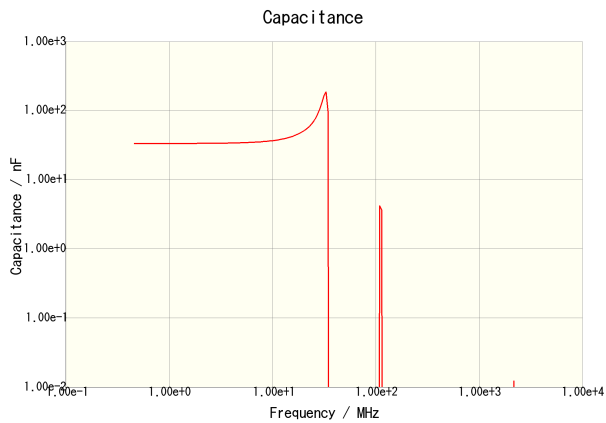
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



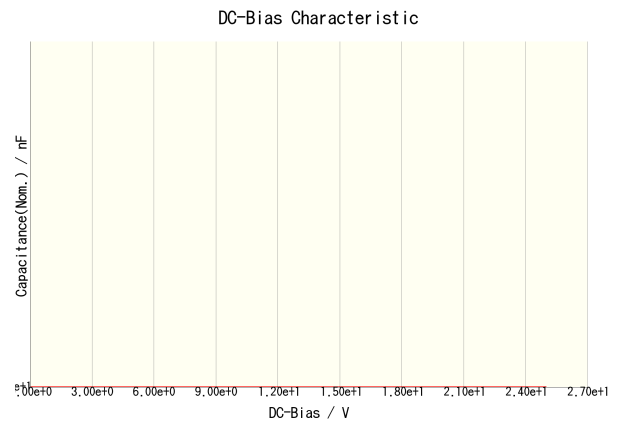
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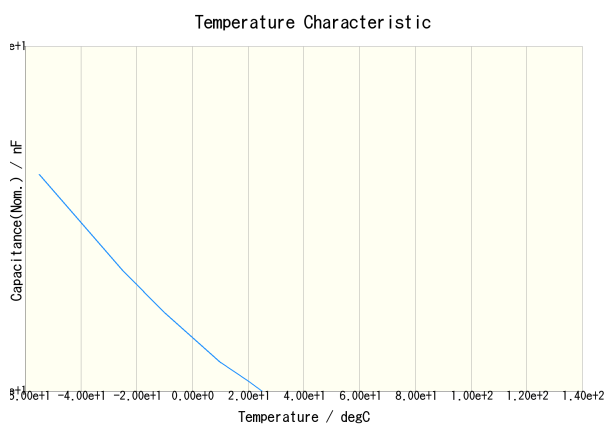
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C2012C0G1E333J125AA(DC Bias = 0V)C2012C0G1E333J125AA(DC Bias = 12.5V)

