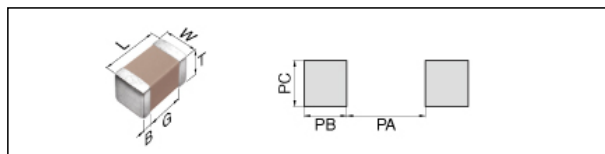


# C2012X5R0J106M125AB (TDK item description : C2012X5R0J106MT\*\*\*\*)

Applications  Commercial Grade

Feature  General (Up to 50V)

Series C2012 [EIA CC0805]



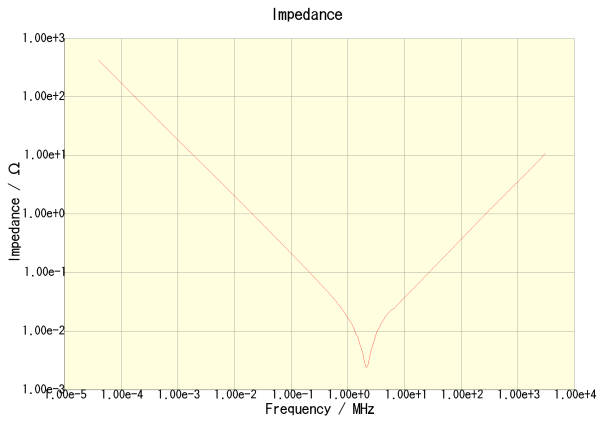
| Size                         |  |
|------------------------------|--|
| Length(L)                    | 2.00mm +/-0.20mm   |
| Width(W)                     | 1.25mm +/-0.20mm   |
| Thickness(T)                 | 1.25mm +/-0.20mm   |
| Terminal Width(B)            | 0.20mm Min.  |
| Terminal Spacing(G)          | 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                | 10uF +/-20% |
| Rated Voltage              | 6.3Vdc      |
| Temperature Characteristic | X5R(+/-15%) |
| Dissipation Factor         | 10% Max.    |
| Insulation Resistance      | 10MΩ Min.   |

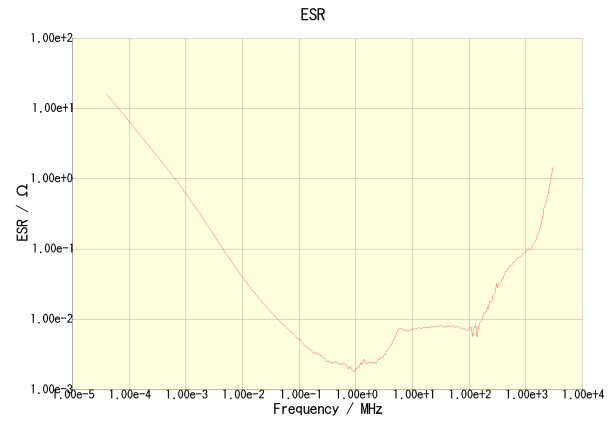
| Other            |                                      |
|------------------|--------------------------------------|
| Soldering Method | Reflow, Flow                         |
| AEC Q200         | No                                   |
| Packing          | Blister (Plastic)Taping [180mm Reel] |
|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

# C2012X5R0J106M125AB

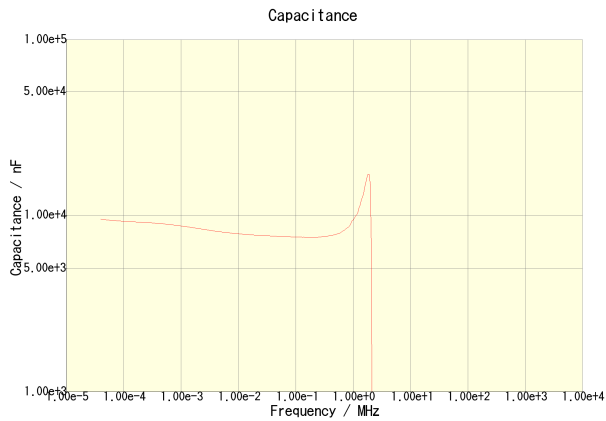
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



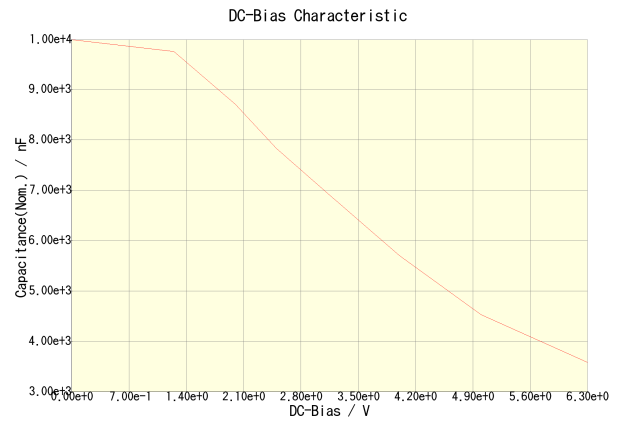
C2012X5R0J106M125AB



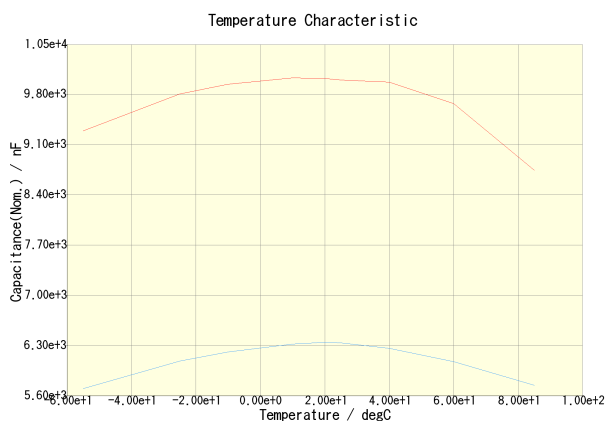
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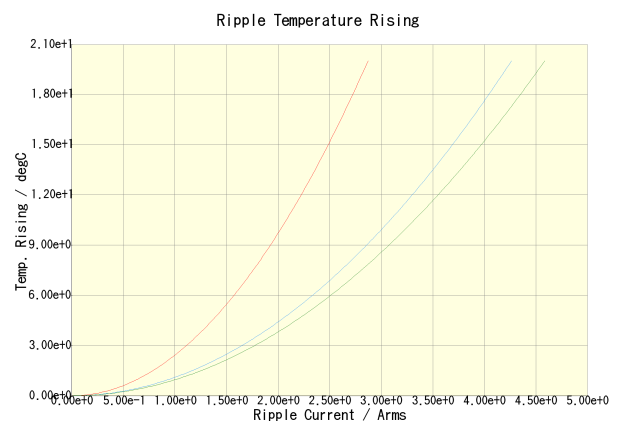
C2012X5R0J106M125AB



C2012X5R0J106M125AB



C2012X5R0J106M125AB(DC Bias = 0V) C2012X5R0J106M125AB(DC Bias = 3.15V)



C2012X5R0J106M125AB(100kHz) C2012X5R0J106M125AB(500kHz)  
C2012X5R0J106M125AB(1MHz)