

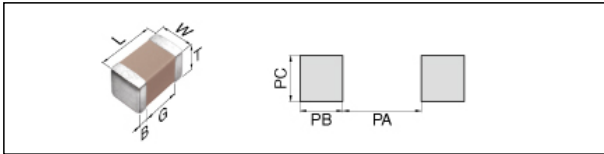


C3216X7R2J102K115AA (TDK item description : C3216X7R2J102KT****)

| | |
|--------------|---|
| Applications |  Commercial Grade |
| |  Please refer to Part No. CGA5H4X7R2J102K115AA for automotive use. |
| Feature | Mid Mid Voltage (100 to 630V) |
| Series | C3216 [EIA CC1206] |



| Size | |
|------------------------------|--|
| Length(L) | 3.20mm +/-0.20mm |
| Width(W) | 1.60mm +/-0.20mm |
| Thickness(T) | 1.15mm +/-0.15mm |
| Terminal Width(B) | 0.20mm Min. |
| Terminal Spacing(G) | 1.00mm Min. |
| Recommended Land Pattern(PA) | 2.10 to 2.50mm (Flow Soldering) 2.00 to 2.40mm (Reflow Soldering) |
| Recommended Land Pattern(PB) | 1.10 to 1.30mm (Flow Soldering) 1.00 to 1.20mm (Reflow Soldering) |
| Recommended Land Pattern(PC) | 1.00 to 1.30mm (Flow Soldering) 1.10 to 1.60mm (Reflow Soldering) |
| Recommended Slit Pattern(SD) | |

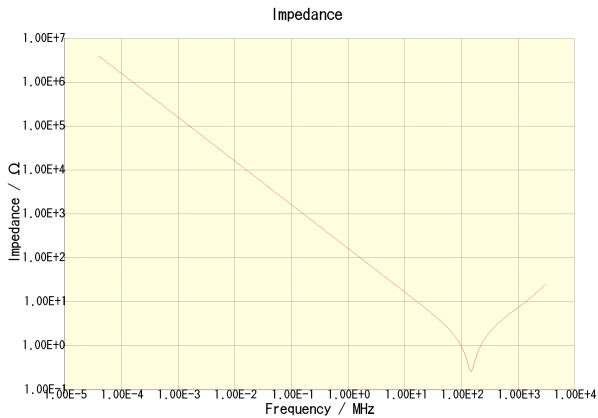
| Electrical Characteristics | |
|----------------------------|--------------|
| Capacitance | 1nF +/-10% |
| Rated Voltage | 630Vdc |
| Temperature Characteristic | X7R(+/-15%) |
| Dissipation Factor | 3% Max. |
| Insulation Resistance | 10000MΩ Min. |

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

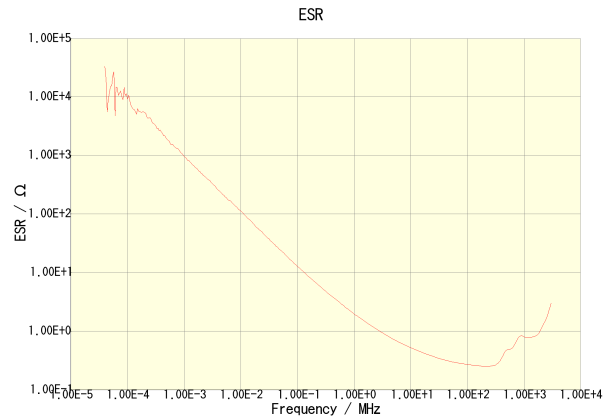
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

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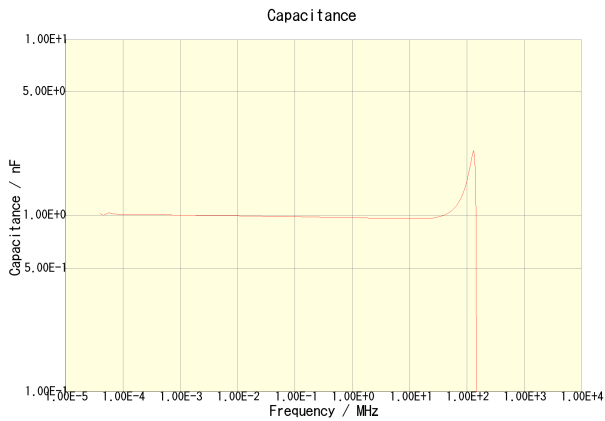
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



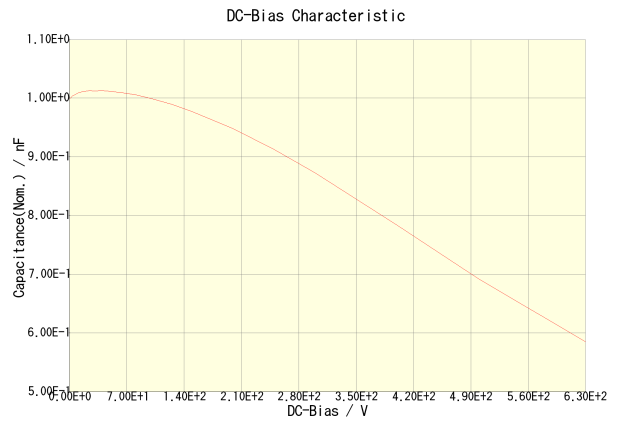
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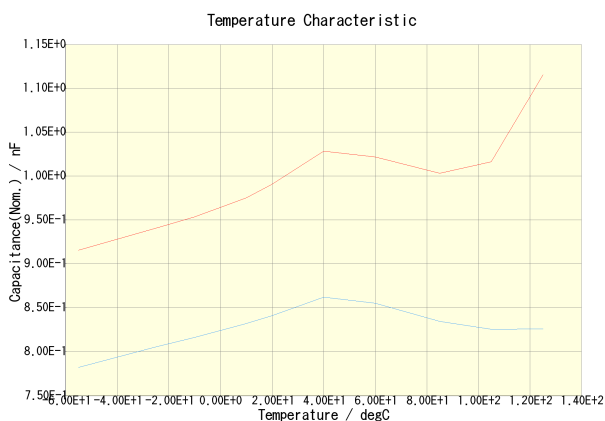
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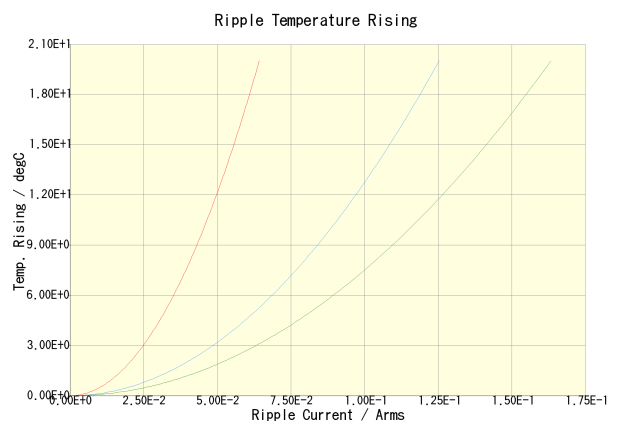
C3216X7R2J102K115AA



C3216X7R2J102K115AA



C3216X7R2J102K115AA(DC Bias = 0V) C3216X7R2J102K115AA(DC Bias = 315V)



C3216X7R2J102K115AA(100kHz) C3216X7R2J102K115AA(500kHz)
C3216X7R2J102K115AA(1MHz)

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