


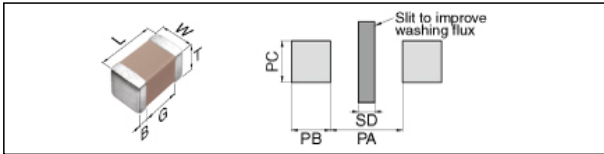


**C3225X7S3D102K200AA** (TDK item description : C3225X7S3D102KT\*\*\*\*)

|              |   |
|--------------|---|
| Applications |  Commercial Grade  |
|              |  Please refer to Part No. CGA6M1X7S3D102K200AA for automotive use. |
| Feature      |  High Voltage (1000V and over)                                     |
| Series       | C3225 [EIA CC1210]  |



| Size                         |                  |
|------------------------------|------------------|
| Length(L)                    | 3.20mm +/-0.40mm |
| Width(W)                     | 2.50mm +/-0.30mm |
| Thickness(T)                 | 2.00mm +/-0.20mm |
| Terminal Width(B)            | 0.20mm Min.      |
| Terminal Spacing(G)          |                  |
| Recommended Land Pattern(PA) | 2.00 to 2.40mm   |
| Recommended Land Pattern(PB) | 1.00 to 1.20mm   |
| Recommended Land Pattern(PC) | 1.90 to 2.50mm   |
| Recommended Slit Pattern(SD) | 1.00 to 1.30mm   |

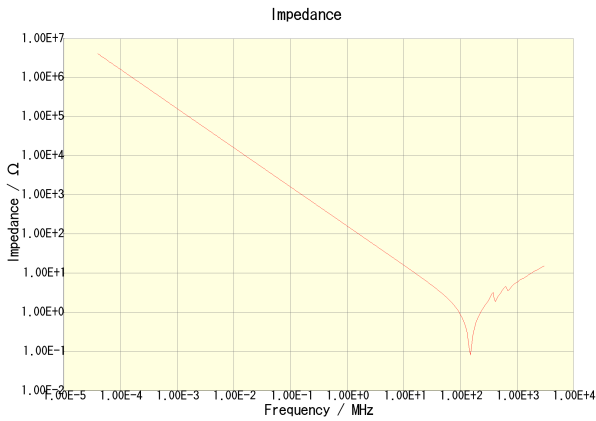
| Electrical Characteristics |              |
|----------------------------|--------------|
| Capacitance                | 1nF +/-10%   |
| Rated Voltage              | 2000Vdc      |
| Temperature Characteristic | X7S(+/-22%)  |
| Dissipation Factor         | 3% Max.      |
| Insulation Resistance      | 10000MΩ Min. |

| Other            |                                      |
|------------------|--------------------------------------|
| Soldering Method | Reflow                               |
| AEC Q200         | No                                   |
| Packing          | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 1000Pcs Min.                         |

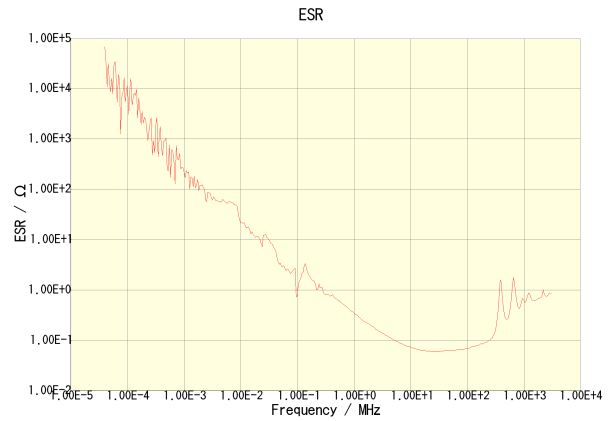
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 •All specifications are subject to change without notice.

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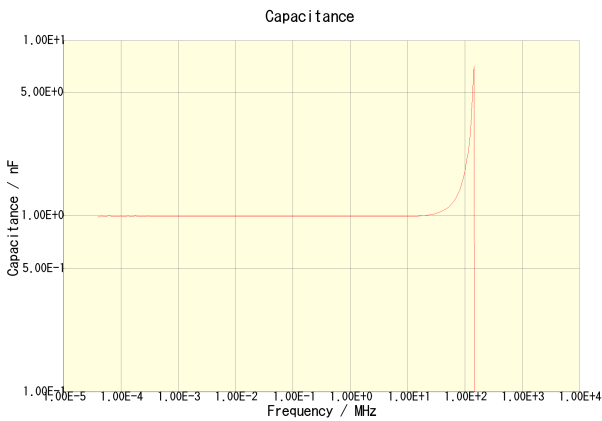
## Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



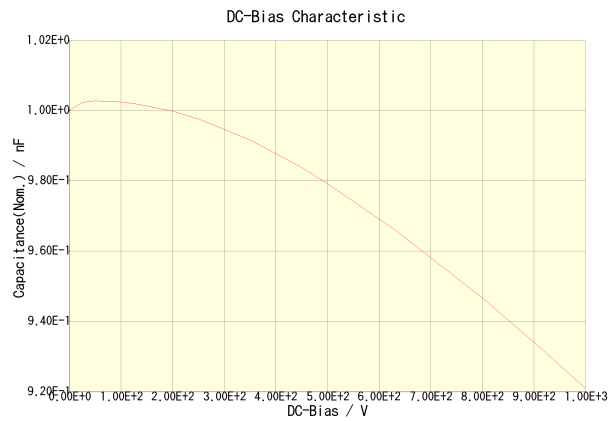
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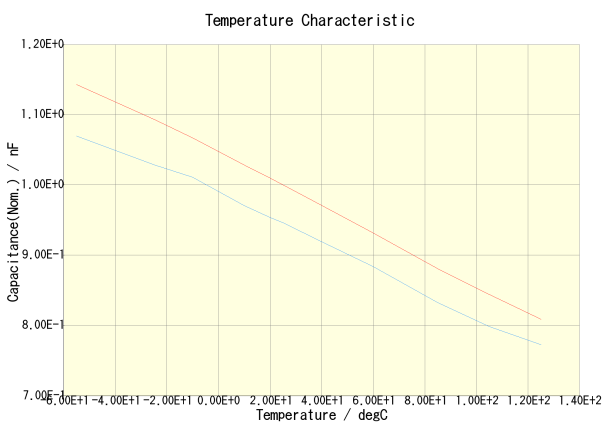
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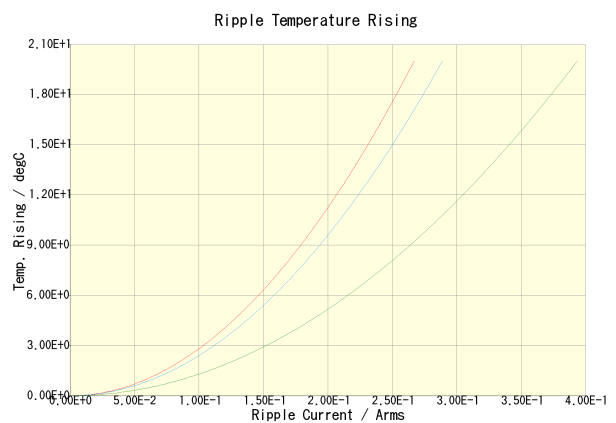
C3225X7S3D102K200AA



C3225X7S3D102K200AA



C3225X7S3D102K200AA(DC Bias = 0V) C3225X7S3D102K200AA(DC Bias = 1000V)



C3225X7S3D102K200AA(100kHz) C3225X7S3D102K200AA(500kHz)  
C3225X7S3D102K200AA(1MHz)

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