

C3225X7R2E224K200AA (TDK item description : C3225X7R2E224KT****)

Applications



Commercial Grade



Please refer to Part No. CGA6M3X7R2E224K200AA for automotive use.

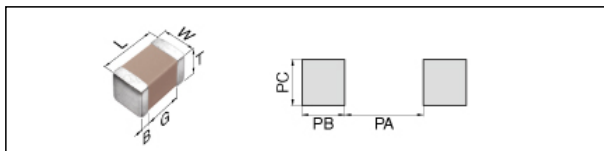
Feature

Mid

Mid Voltage (100 to 630V)

Series

C3225 [EIA CC1210]



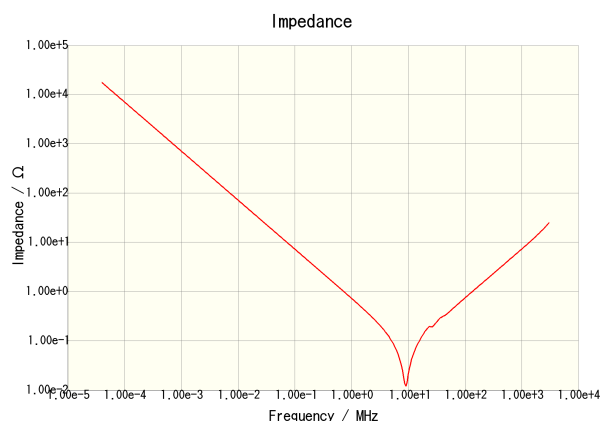
| Size | |
|------------------------------|------------------|
| Length(L) | 3.20mm +/-0.40mm |
| Width(W) | 2.50mm +/-0.30mm |
| Thickness(T) | 2.00mm +/-0.20mm |
| Terminal Width(B) | 0.20mm Min. |
| Terminal Spacing(G) | |
| Recommended Land Pattern(PA) | 2.00 to 2.40mm |
| Recommended Land Pattern(PB)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

| Electrical Characteristics | |
|----------------------------|--------------|
| Capacitance | 220nF +/-10% |
| Rated Voltage | 250Vdc |
| Temperature Characteristic | X7R(+/-15%) |
| Dissipation Factor | 3% Max. |
| Insulation Resistance | 2272MΩ Min. |

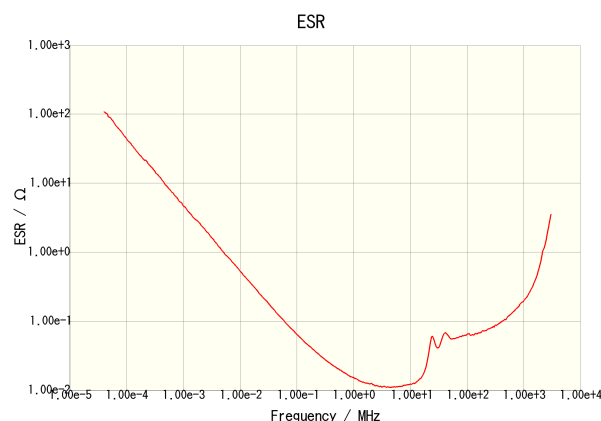
| Other | |
|------------------|--------------------------------------|
| Soldering Method | Reflow |
| AEC Q200 | No |
| Packing | Blister (Plastic)Taping [180mm Reel] |
| Package Quantity | 1000Pcs Min. |

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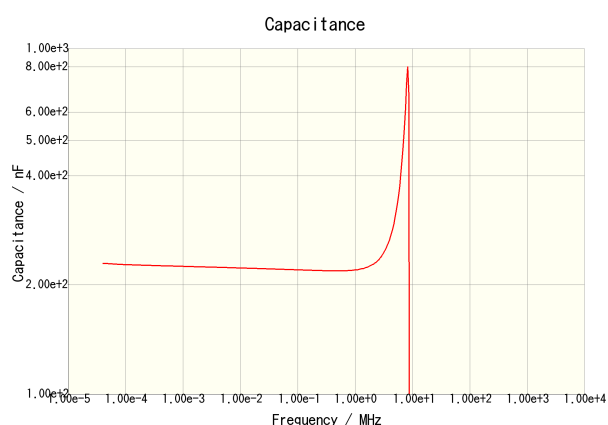
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



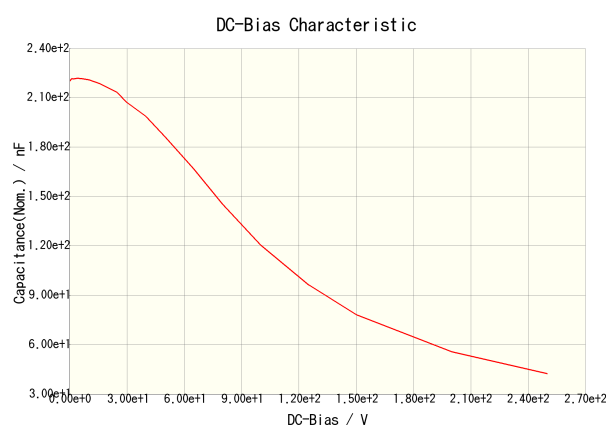
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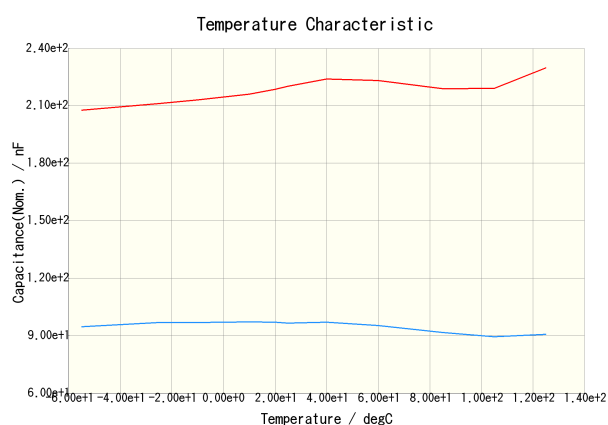
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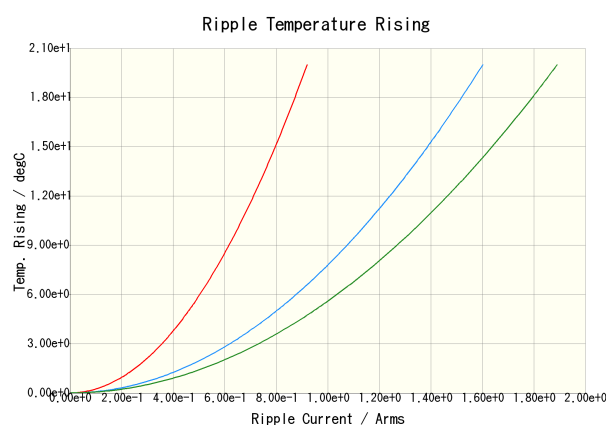
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C3225X7R2E224K200AA



C3225X7R2E224K200AA(DC Bias = 0V) C3225X7R2E224K200AA(DC Bias = 125V)



C3225X7R2E224K200AA(100kHz) C3225X7R2E224K200AA(500kHz)
C3225X7R2E224K200AA(1MHz)