
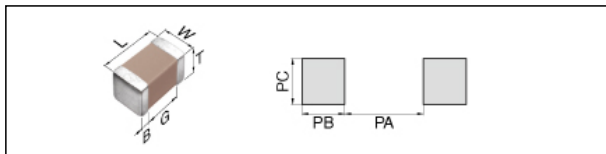


C1005X5R0J224M050BB (TDK item description : C1005X5R0J224MT****)

| | |
|--------------|--|
| Applications |  Commercial Grade |
| Feature | General General (Up to 50V) |
| Series | C1005 [EIA CC0402] |



| Size | |
|------------------------------|------------------|
| Length(L) | 1.00mm +/-0.05mm |
| Width(W) | 0.50mm +/-0.05mm |
| Thickness(T) | 0.50mm +/-0.05mm |
| Terminal Width(B) | 0.10mm Min. |
| Terminal Spacing(G) | 0.30mm Min. |
| Recommended Land Pattern(PA) | 0.30 to 0.50mm |
| Recommended Land Pattern(PB) | 0.35 to 0.45mm |
| Recommended Land Pattern(PC) | 0.40 to 0.60mm |
| Recommended Slit Pattern(SD) | |

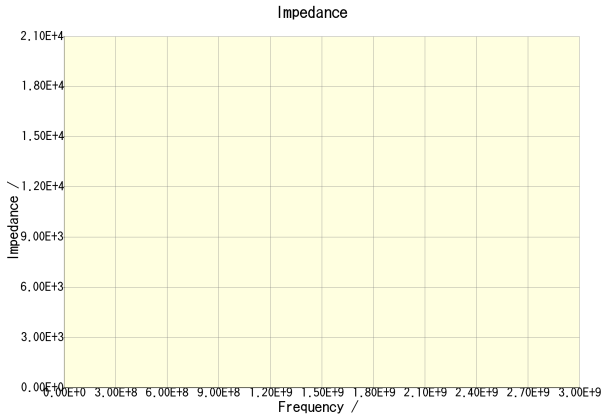
| Electrical Characteristics | |
|----------------------------|--------------|
| Capacitance | 220nF +/-20% |
| Rated Voltage | 6.3Vdc |
| Temperature Characteristic | X5R(+/-15%) |
| Dissipation Factor | 10% Max. |
| Insulation Resistance | 454MΩ Min. |

| Other | |
|------------------|------------------------------------|
| Soldering Method | Reflow |
| AEC Q200 | No |
| Packing | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 10000Pcs Min. |

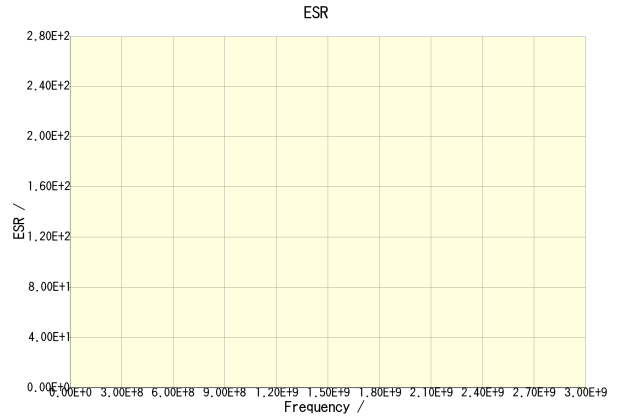
•This PDF document was created based on the data listed on the TDK Corporation website.
 •All specifications are subject to change without notice.

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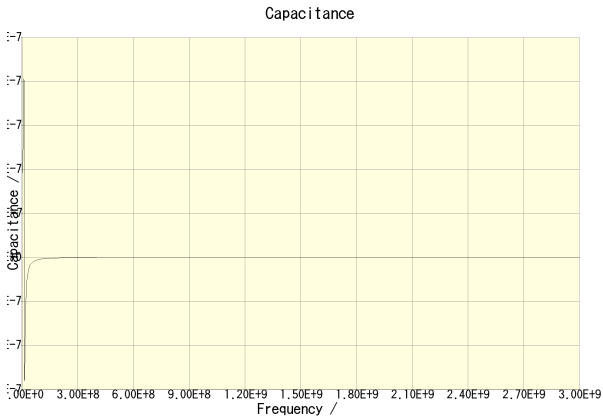
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



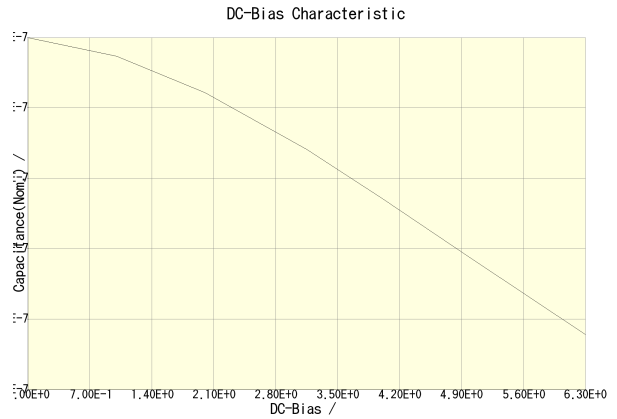
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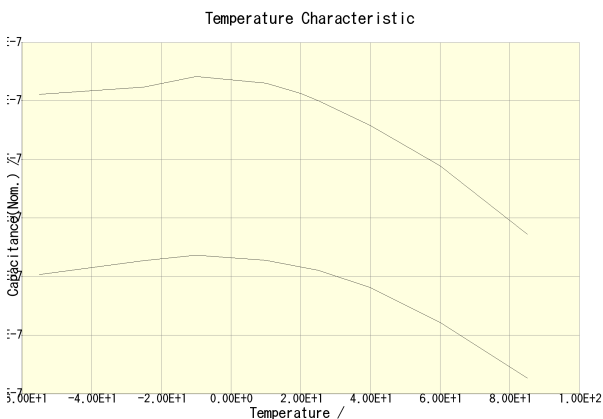
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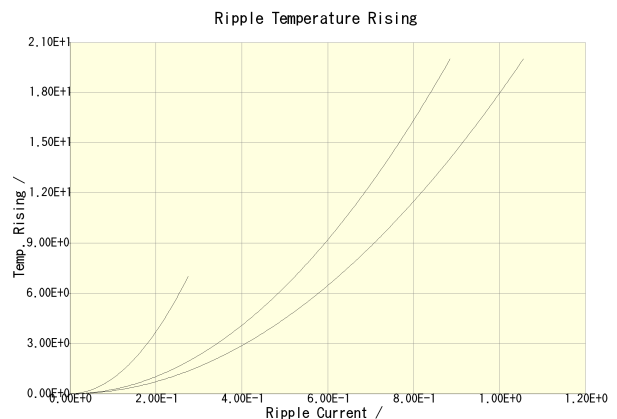
C1005X5R0J224M050BB



C1005X5R0J224M050BB



C1005X5R0J224M050BB(DC Bias = 0V) C1005X5R0J224M050BB(DC Bias = 3.15V)



C1005X5R0J224M050BB(100kHz) C1005X5R0J224M050BB(500kHz)
C1005X5R0J224M050BB(1MHz)

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