

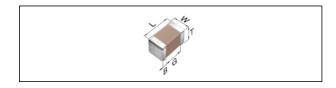
# **☆TDK** Multilayer Ceramic Chip Capacitors

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Creation Date: May 17, 2013

## C1608X7R1A225M080AC

**Applications** Commercial Grade Feature General General (Up to 50V) C1608 [EIA CC0603] Series







| Size                |                  |
|---------------------|------------------|
| Length(L)           | 1.60mm +/-0.10mm |
| Width(W)            | 0.80mm +/-0.10mm |
| Thickness(T)        | 0.80mm +/-0.10mm |
| Terminal Width(B)   | 0.20mm Min.      |
| Terminal Spacing(G) | 0.30mm Min.      |

| Electrical Characteristics |              |
|----------------------------|--------------|
| Capacitance                | 2.2uF +/-20% |
| Rated Voltage              | 10Vdc        |
| Temperature Characteristic | X7R(+/-15%)  |
| Dissipation Factor         | 10% Max.     |
| Insulation Resistance      | 45MΩ Min.    |

| Other            |                                    |
|------------------|------------------------------------|
| Soldering Method | Reflow, Flow                       |
| AEC Q200         | No                                 |
| Packing          | Punched (Paper)Taping [180mm Reel] |
| Package Quantity | 4000 Pcs Min.                      |

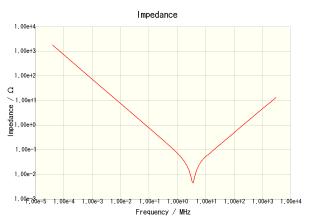
<sup>•</sup>This PDF document was created based on the data listed on the TDK Corporation website.

<sup>•</sup>All specifications are subject to change without notice.

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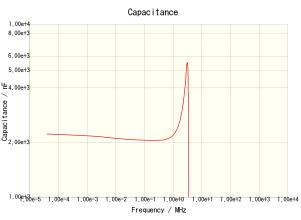
## **Characteristic Graphs**



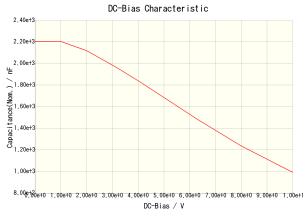
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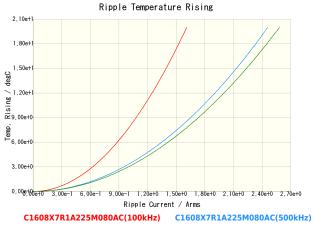
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C1608X7R1A225M080AC(DC Bias = 01/1)608X7R1A225M080AC(DC Bias = 5V)



C1608X7R1A225M080AC(1MHz)

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