

## Product Status

Production

## TDK Item Description

C3225X7R1H106KT\*\*\*\*

## Applications

Commercial Grade

## Feature

General (Up to 75V)

## Series

C3225 [EIA 1210]

## Status

Production

## Brand

TDK

## Environmental

Compliance



RoHS



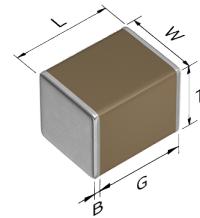
REACH



Halogen Free



Lead Free



## Size

|                               |                      |
|-------------------------------|----------------------|
| Length(L)                     | 3.20mm $\pm 0.40$ mm |
| Width(W)                      | 2.50mm $\pm 0.30$ mm |
| Thickness(T)                  | 2.50mm $\pm 0.30$ mm |
| Terminal Width(B)             | 0.20mm Min.          |
| Recommended Land Pattern (PA) | 2.00mm to 2.40mm     |
| Recommended Land Pattern (PB) | 1.00mm to 1.20mm     |
| Recommended Land Pattern (PC) | 1.90mm to 2.50mm     |

## Electrical Characteristics

|                              |                       |
|------------------------------|-----------------------|
| Capacitance                  | 10 $\mu$ F $\pm 10\%$ |
| Rated Voltage                | 50VDC                 |
| Temperature Characteristic   | X7R( $\pm 15\%$ )     |
| Dissipation Factor (Max.)    | 5%                    |
| Insulation Resistance (Min.) | 50M $\Omega$          |

## Other

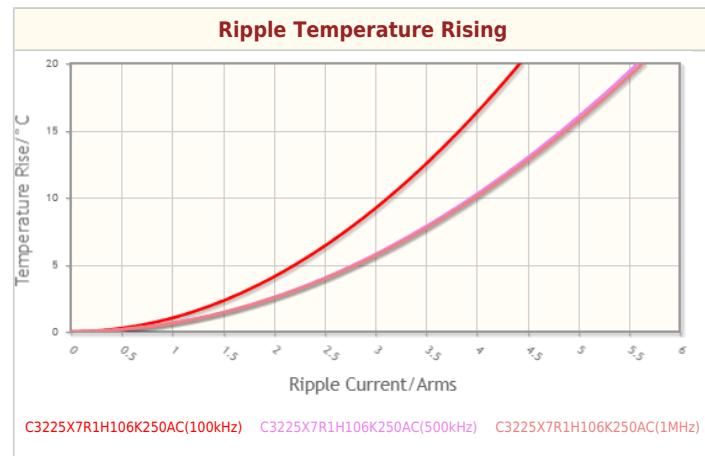
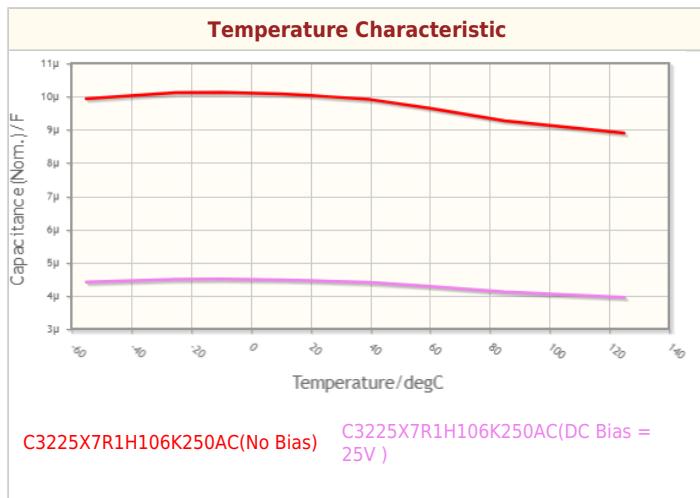
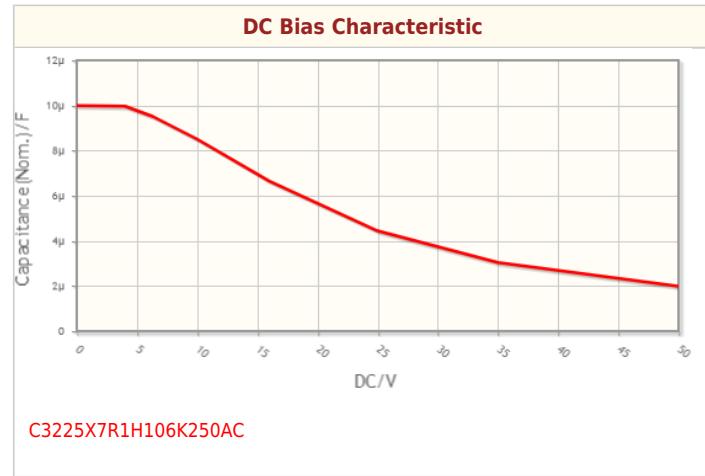
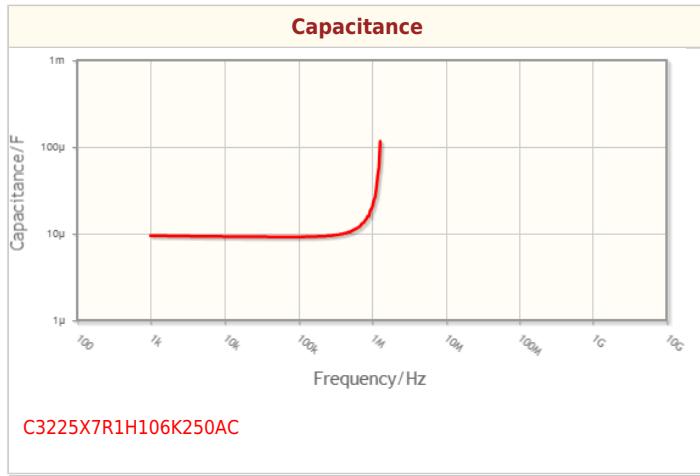
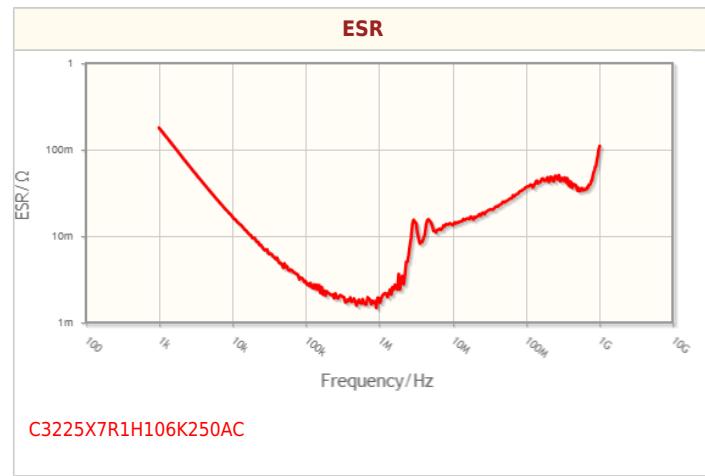
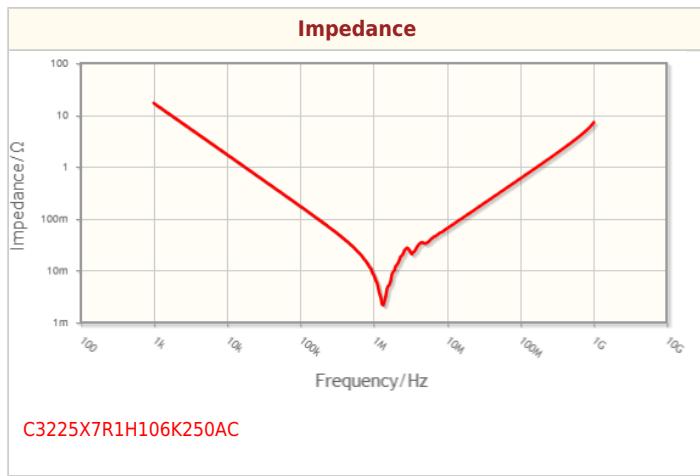
|                       |                                       |
|-----------------------|---------------------------------------|
| Operating Temp. Range | -55 to 125°C                          |
| Soldering Method      | Reflow                                |
| AEC-Q200              | NO                                    |
| Packing               | Embossed (Plastic)Taping [180mm Reel] |
| Package Quantity      | 1000pcs                               |

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

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

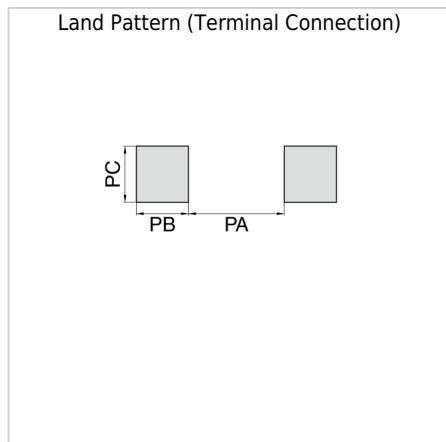


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## Associated Images



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