

## Product Status

Production

## TDK Item Description

C1608X5R1E474KT\*\*\*\*

## Applications

Commercial Grade

Please refer to Part No. [CGA3E3X5R1E474K080AB](#) for Automotive use.

## Feature

General General (Up to 75V)

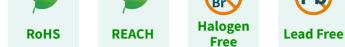
## Series

C1608 [EIA 0603]

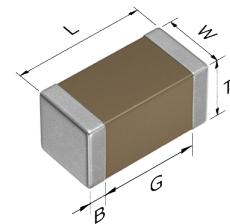
## Brand

TDK

## Environmental



## Compliance



## 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.

Recommended Land Pattern (PA) 0.70mm to 1.00mm(Flow Soldering)  
0.60mm to 0.80mm(Reflow Soldering)Recommended Land Pattern (PB) 0.80mm to 1.00mm(Flow Soldering)  
0.60mm to 0.80mm(Reflow Soldering)Recommended Land Pattern (PC) 0.60mm to 0.80mm(Flow Soldering)  
0.60mm to 0.80mm(Reflow Soldering)

## Electrical Characteristics

Capacitance 470nF ±10%

Rated Voltage 25VDC

Temperature Characteristic X5R(±15%)

Dissipation Factor (Max.) 5%

Insulation Resistance (Min.) 212MΩ

## Other

Operating Temp. Range -55 to 85°C

Soldering Method Wave (Flow)  
Reflow

AEC-Q200 NO

Packing Punched (Paper)Taping [180mm Reel]

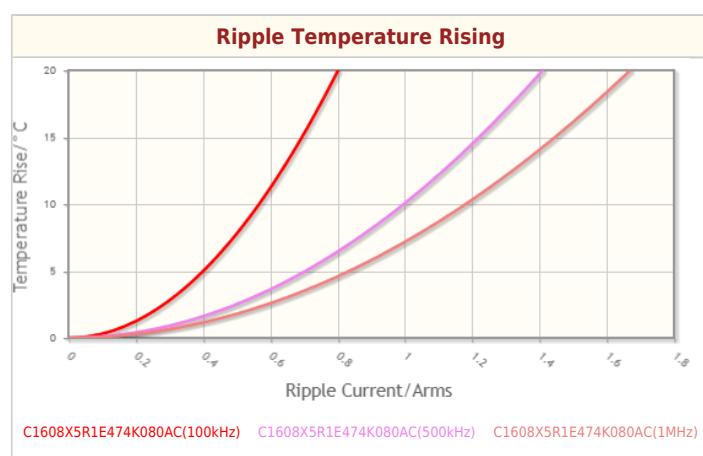
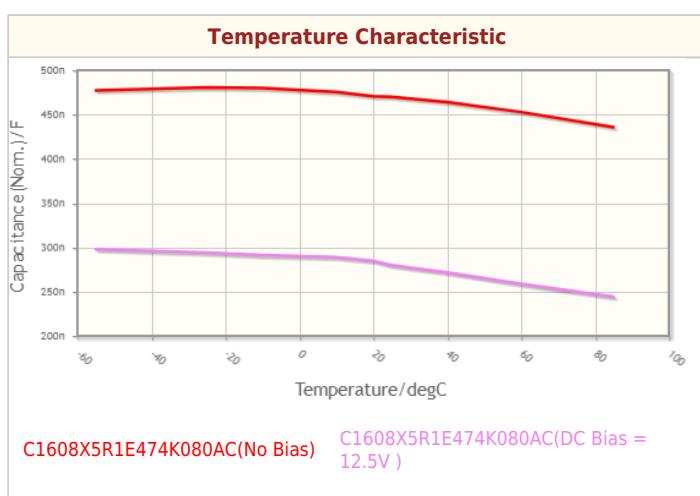
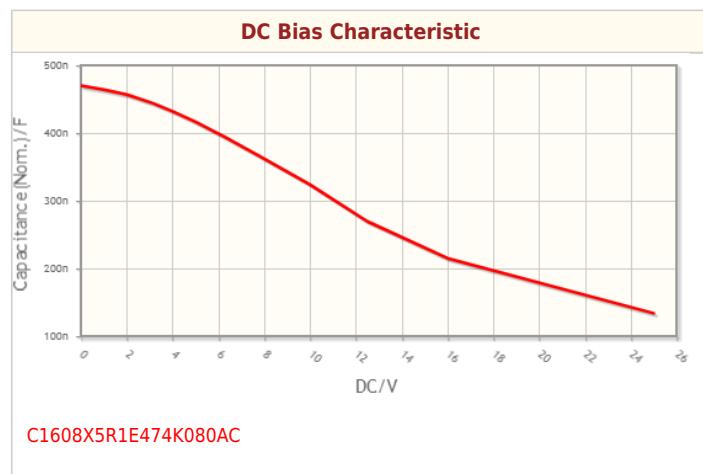
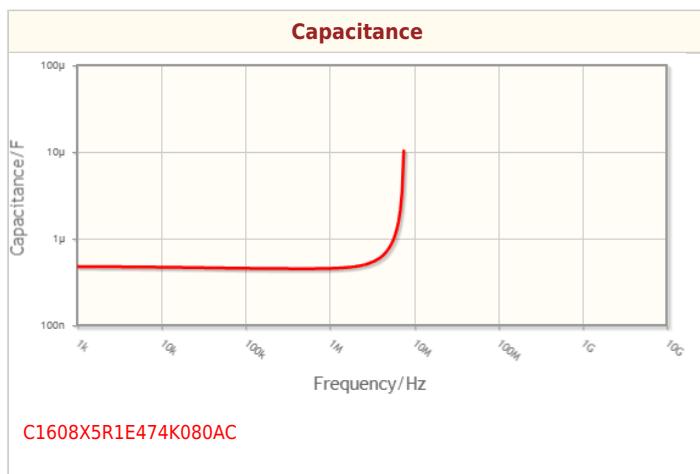
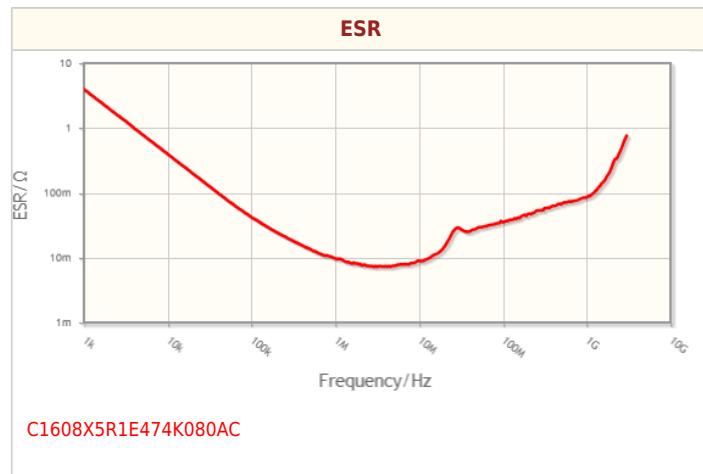
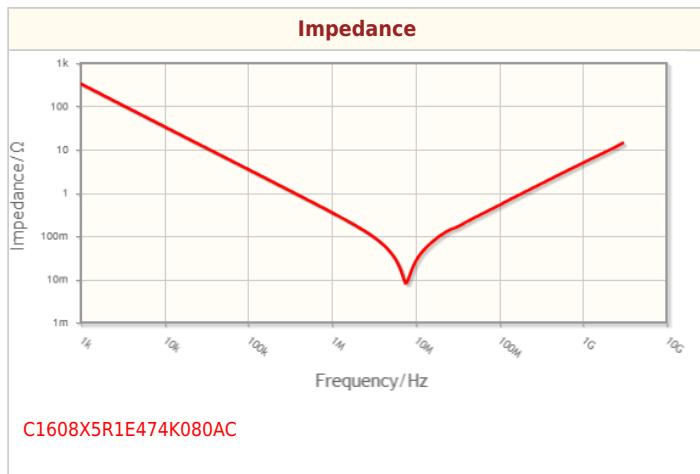
Package Quantity 4000pcs

! Images are for reference only and show exemplary products.

! This PDF document was created based on the data listed on the TDK Corporation website.

! All specifications are subject to change without notice.

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

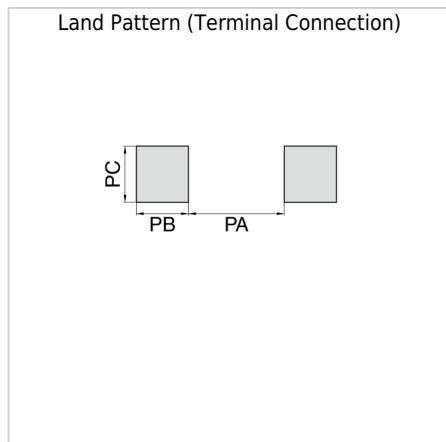


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## Associated Images



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