

C1608X7R2A103M080AA

**Production (NRND)**

**Product Status** Recommended Alternate Part No. : [C1608X7R2A103K080AA](#) (Interchangeability is not guaranteed.)

**TDK Item Description** C1608X7R2A103MT\*\*\*\*

**Applications** Commercial Grade  
Please refer to Part No. [CGA3E2X7R2A103M080AA](#) for Automotive use.

**Feature** MidMid Voltage (100 to 630V)

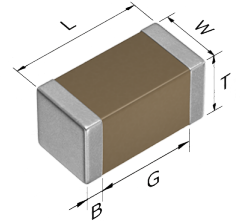
**Series** C1608 [EIA 0603]

Production (Not Recommended for New Design)

**Status** Recommended Alternate Part No. : [C1608X7R2A103K080AA](#) (Interchangeability is not guaranteed.)

**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	10nF ±20%
Rated Voltage	100VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

Other	
Operating Temp. Range	-55 to 125°C
Soldering Method	Wave (Flow)
	Reflow

! 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.

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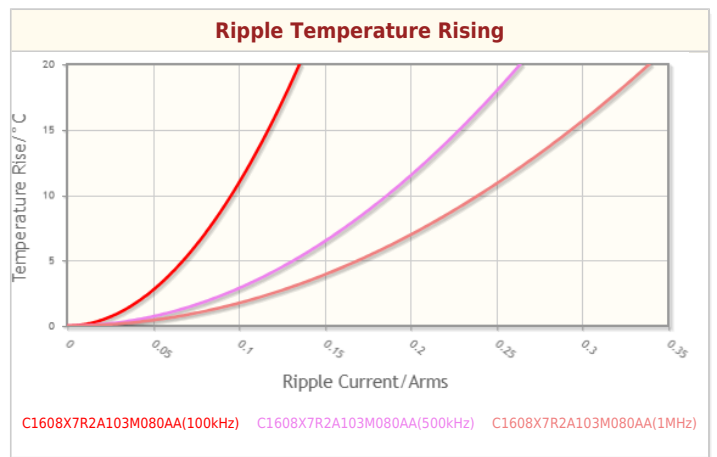
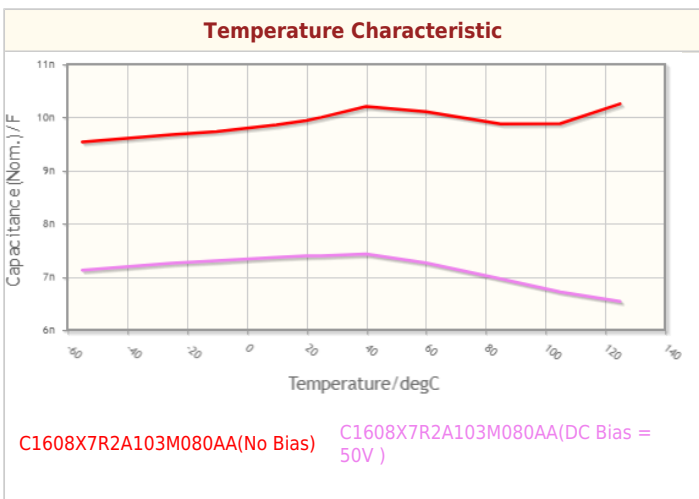
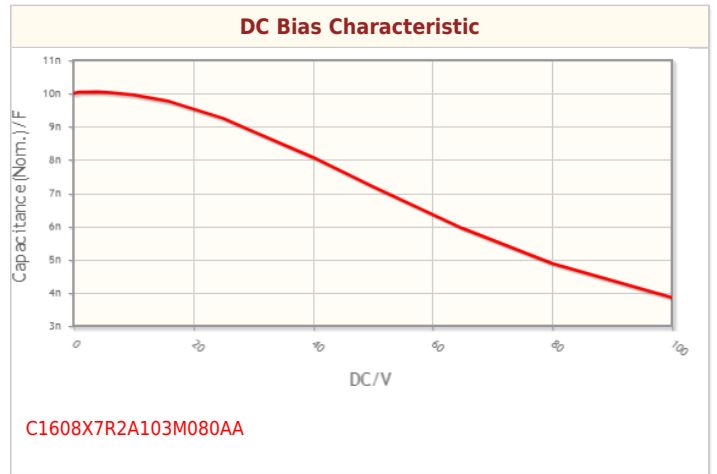
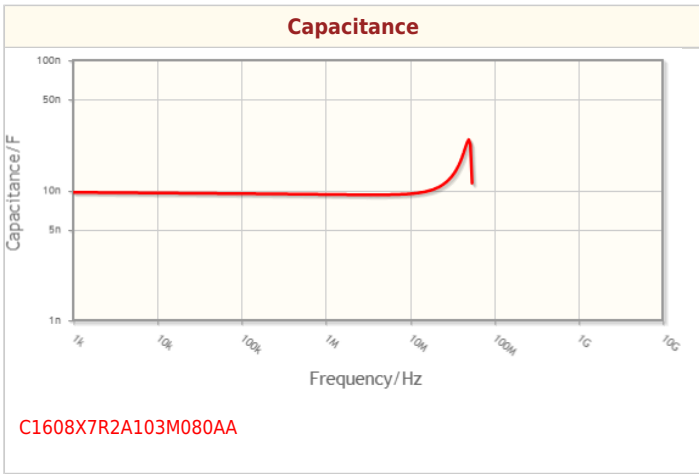
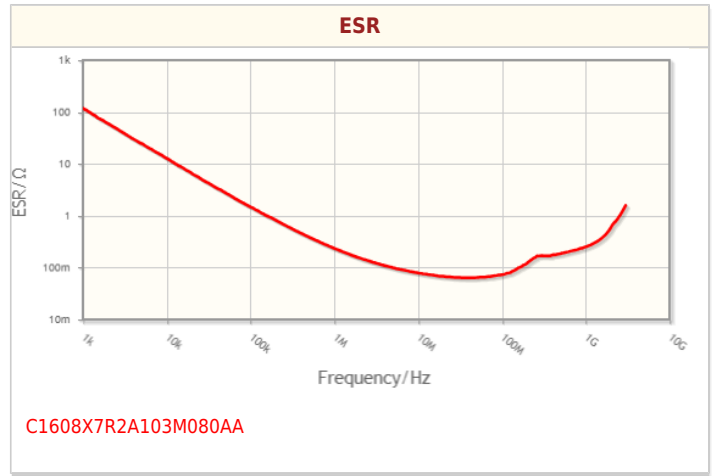
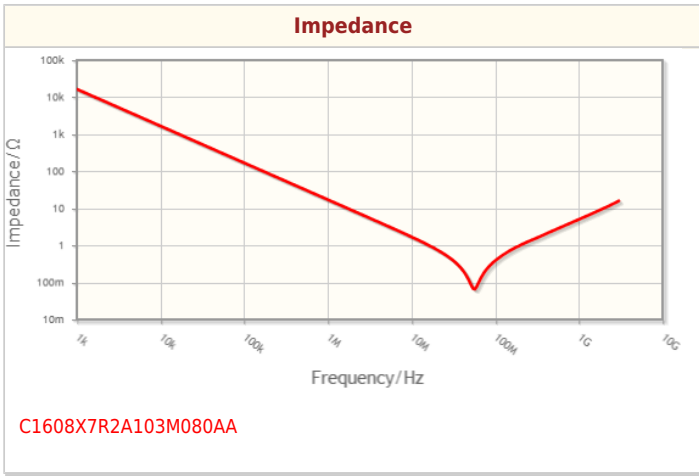
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AEC-Q200	NO
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
FIT (Failure In Time)	 This will be displayed when you <a href="#">login</a> to myTDK

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



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## Associated Images

