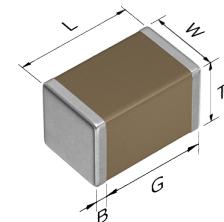


C2012X7R2A473K125AA

**TDK item description** C2012X7R2A473KT\*\*\*\*

<b>Applications</b>	Commercial Grade Please refer to Part No. <a href="#">CGA4J2X7R2A473K125AA</a> for Automotive use.
<b>Feature</b>	Mid Voltage (100 to 630V)
<b>Series</b>	C2012 [EIA 0805]
<b>Status</b>	Production



<b>Size</b>	
Length(L)	2.00mm $\pm 0.20$ mm
Width(W)	1.25mm $\pm 0.20$ mm
Thickness(T)	1.25mm $\pm 0.20$ mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.50mm Min.
Recommended Land Pattern (PA)	1.00mm to 1.30mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.00mm to 1.20mm(Flow Soldering) 0.70mm to 0.90mm(Reflow Soldering)
Recommended Land Pattern (PC)	0.80mm to 1.10mm(Flow Soldering) 0.90mm to 1.20mm(Reflow Soldering)

<b>Electrical Characteristics</b>	
Capacitance	47nF $\pm 10\%$
Rated Voltage	100VDC
Temperature Characteristic	X7R( $\pm 15\%$ )
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000M $\Omega$

<b>Other</b>	
Soldering Method	Wave (Flow) Reflow
AEC-Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

! Images are for reference only and show exemplary products.

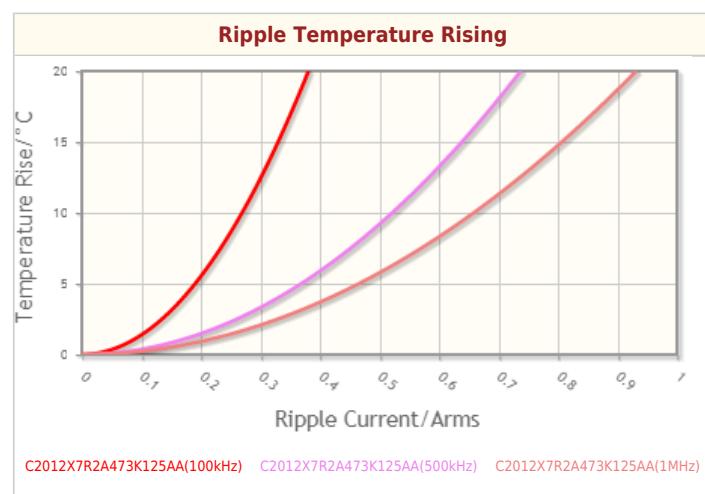
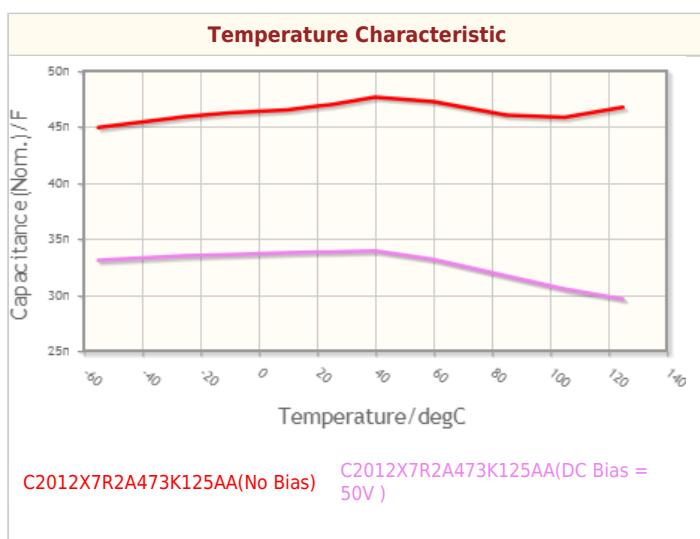
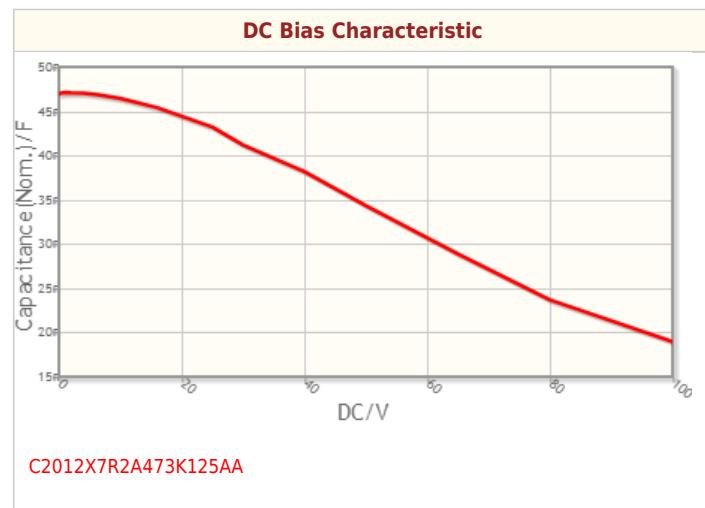
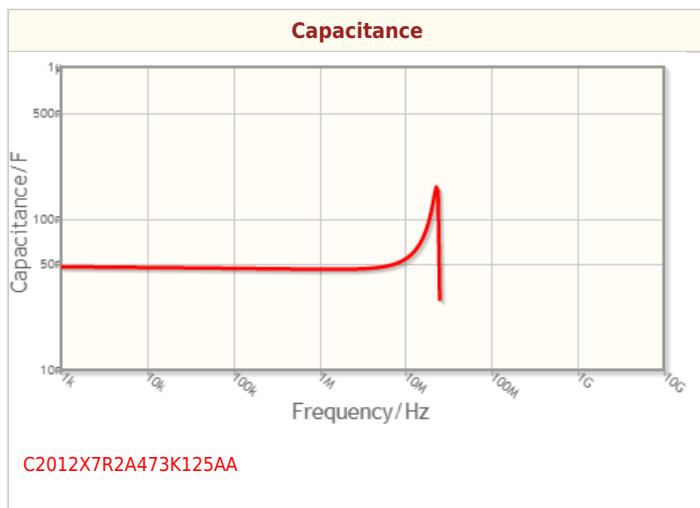
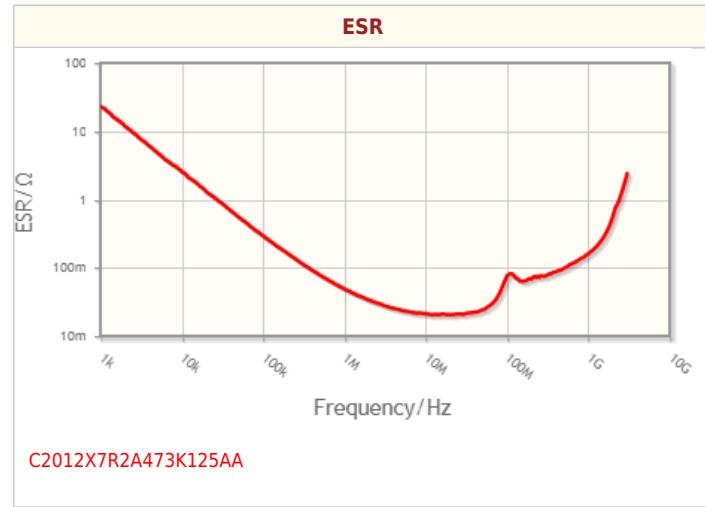
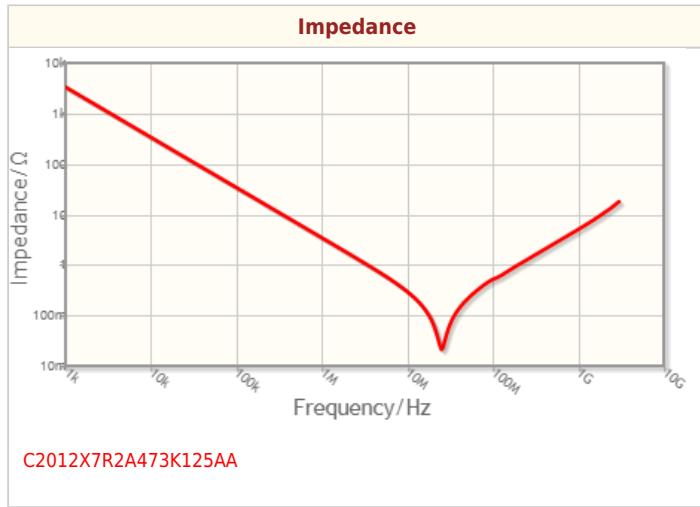
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! All specifications are subject to change without notice.

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



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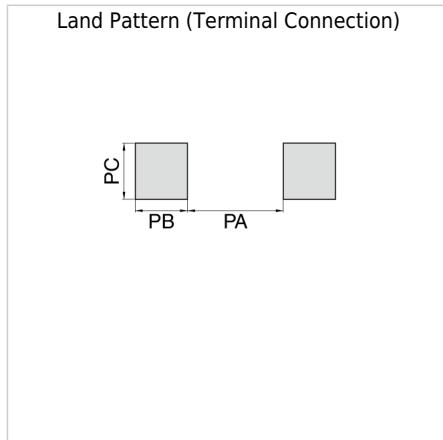
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## Associated Images



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