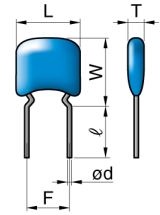


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<b>Applications</b>	Automotive Grade
<b>Feature</b>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-right: 5px;">Mid</div> Mid Voltage (100 to 630V) <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-right: 5px;">Halogen-free</div> Halogen-free <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-right: 5px;">AEC-Q200</div> AEC-Q200
<b>Series</b>	FA
<b>Status</b>	Production



Dimensions in mm

Size	
Length(L)	7.50mm Max.
Width(W)	8.50mm Max.
Thickness(T)	4.50mm Max.
Lead Gap(F)	5.00mm ±1.00mm
Lead Diameter(d)	0.50mm +0.10,-0.03mm

Electrical Characteristics	
Capacitance	47nF ±5%
Rated Voltage	630VDC
Withstanding Voltage	945VDC
Temperature Characteristic	C0G(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	10000MΩ

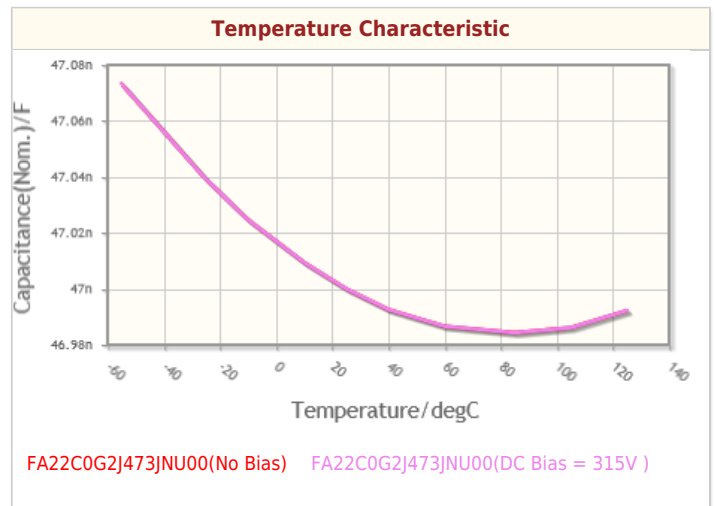
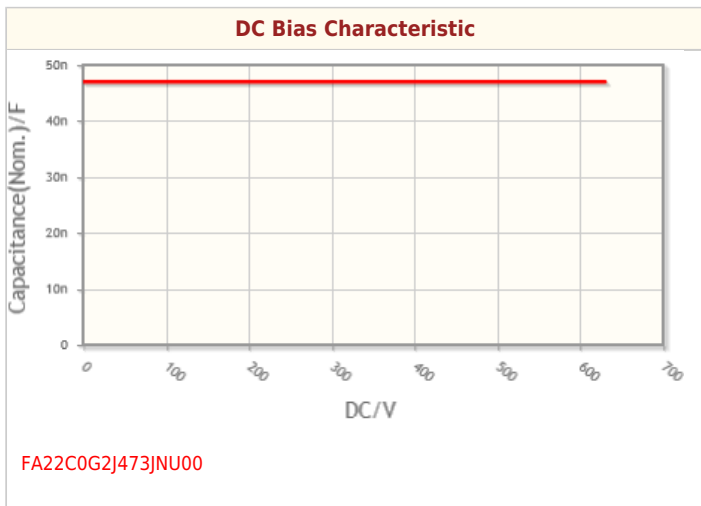
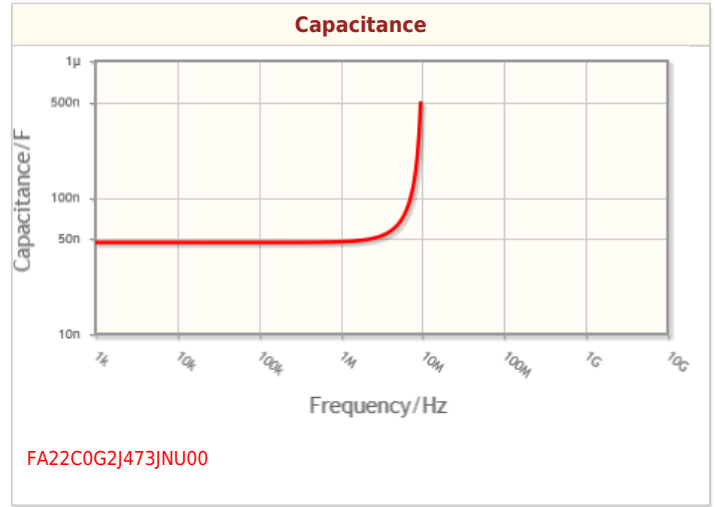
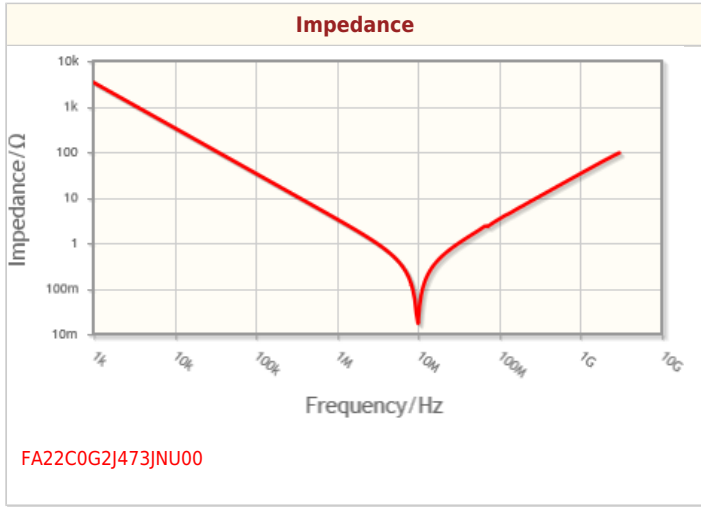
Other	
Soldering Method	Wave (Flow) Iron Soldering
Lead Length / Package Type	7mm for Bulk
AEC-Q200	Yes
Package Quantity	500pcs

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



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