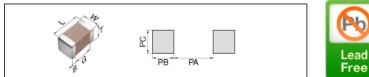
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Creation Date: August 05, 2014

## C3216X5R1A106K160AB (TDK item description : C3216X5R1A106KT\*\*\*\*)

**Applications** Commercial Grade Feature General General (Up to 50V) C3216 [EIA CC1206] Series









Size	
Length(L)	3.20mm +/-0.20mm
Width(W)	1.60mm +/-0.20mm
Thickness(T)	1.60mm +/-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern(PA)	2.10 to 2.50mm (Flow Soldering) < br /> 2.00 to 2.40mm (Reflow Soldering)
Recommended Land Pattern(PB)	1.10 to 1.30mm (Flow Soldering) < br />1.00 to 1.20mm (Reflow Soldering)
Recommended Land Pattern(PC)	1.00 to 1.30mm (Flow Soldering) < br />1.10 to 1.60mm (Reflow Soldering)
Recommended Slit Pattern(SD)	

Electrical Characteristics		
Capacitance	10uF +/-10%	
Rated Voltage	10Vdc	
Temperature Characteristic	X5R(+/-15%)	
Dissipation Factor	10% Max.	
Insulation Resistance	10MΩ Min.	

Other		
Soldering Method	Reflow, Flow	
AEC Q200	No	
Packing	Blister (Plastic)Taping [180mm Reel]	
Package Quantity	2000Pcs Min.	

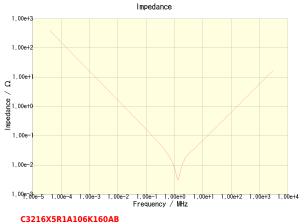
<sup>•</sup>This PDF document was created based on the data listed on the TDK Corporation website.

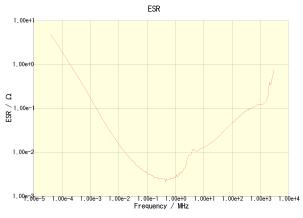
<sup>•</sup>All specifications are subject to change without notice.

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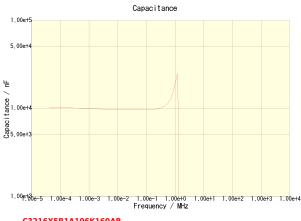
## C3216X5R1A106K160AB

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



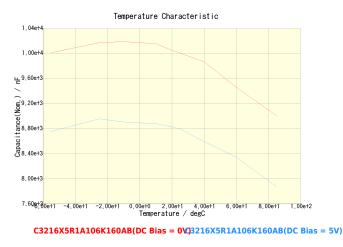


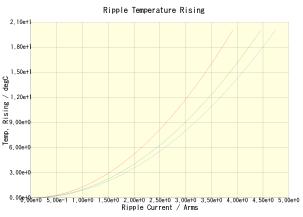












C3216X5R1A106K160AB(100kHz) C3216X5R1A106K160AB(500kHz)

C3216X5R1A106K160AB(1MHz)

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