

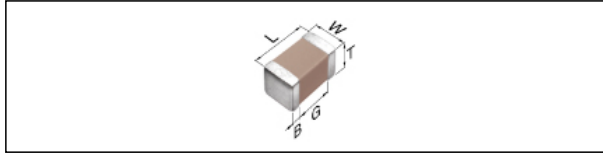


C1608X5R1E225K080AB (TDK item description : C1608X5R1E225KT****)

Applications	 Commercial Grade
Feature	 General (Up to 50V)
Series	C1608 [EIA CC0603]



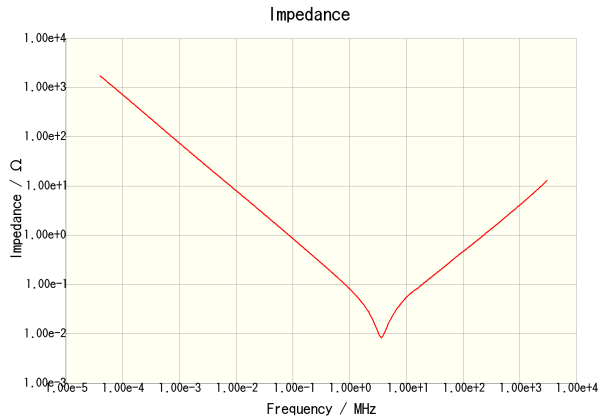
Size	
Length(L)	1.60mm +/-0.10mm
Width(W)	0.80mm +/-0.10mm
Thickness(T)	0.80mm +/-0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.

Electrical Characteristics	
Capacitance	2.2uF +/-10%
Rated Voltage	25Vdc
Temperature Characteristic	X5R(+/-15%)
Dissipation Factor	10% Max.
Insulation Resistance	227MΩ Min.

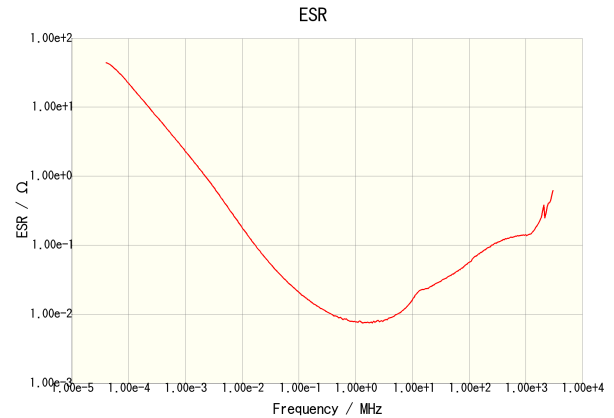
Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000 Pcs Min.

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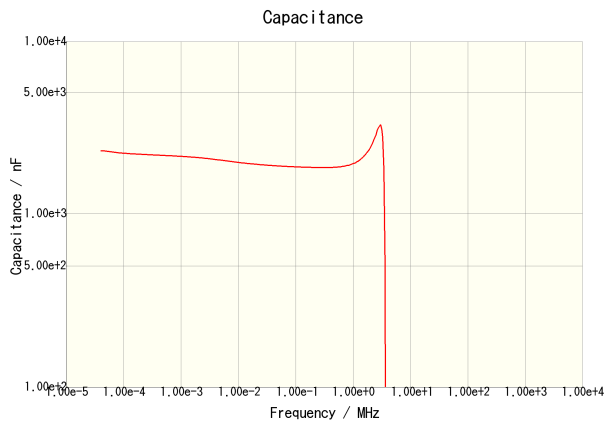
Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



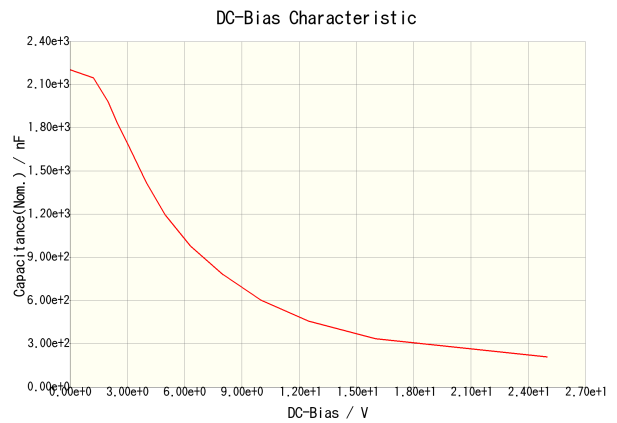
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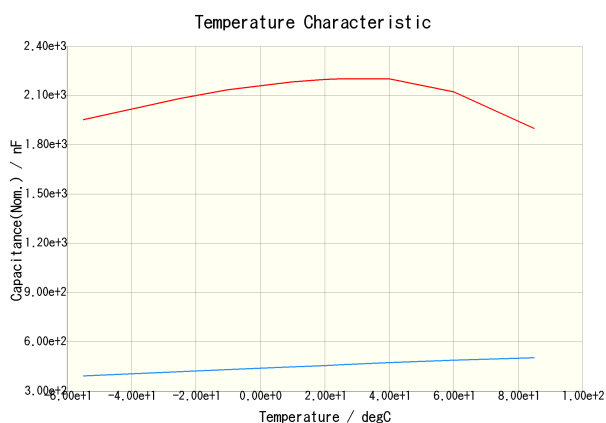
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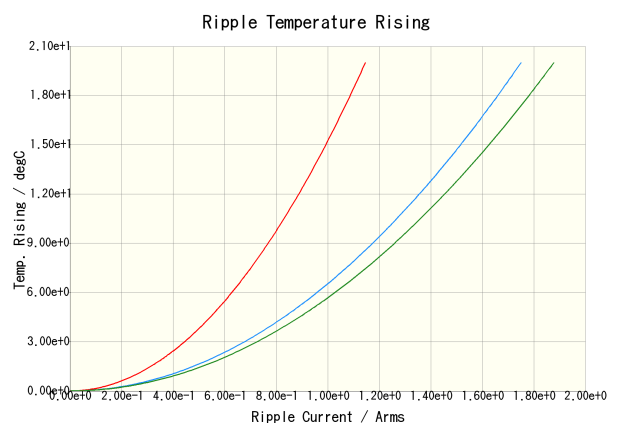
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C1608X5R1E225K080AB



C1608X5R1E225K080AB(DC Bias = 0V) C1608X5R1E225K080AB(DC Bias = 12.5V)



C1608X5R1E225K080AB(100kHz) C1608X5R1E225K080AB(500kHz)
C1608X5R1E225K080AB(1MHz)