

Production (NRND)

Product Status	Recommended Alternate Part No. : C3225X5R1E106K250AA (Interchangeability is not guaranteed.)
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TDK Item Description	C3225X5R1C106KT****
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Applications	Commercial Grade
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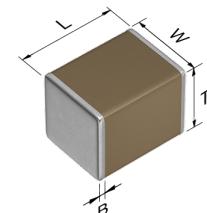
Feature	General (General (Up to 75V))
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Series	C3225 [EIA 1210]
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Status	 Production (Not Recommended for New Design) Recommended Alternate Part No. : C3225X5R1E106K250AA (Interchangeability is not guaranteed.)
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Brand	TDK
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Environmental Compliance	   
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**Size**

Length(L)	3.20mm $\pm 0.40\text{mm}$
Width(W)	2.50mm $\pm 0.30\text{mm}$
Thickness(T)	2.00mm $\pm 0.20\text{mm}$
Terminal Width(B)	0.20mm Min.
Recommended Land Pattern (PA)	2.00mm to 2.40mm
Recommended Land Pattern (PB)	1.00mm to 1.20mm
Recommended Land Pattern (PC)	1.90mm to 2.50mm

Electrical Characteristics

Capacitance	10 μF $\pm 10\%$
Rated Voltage	16VDC
Temperature Characteristic	X5R($\pm 15\%$)
Dissipation Factor (Max.)	7.5%
Insulation Resistance (Min.)	10M Ω

Other

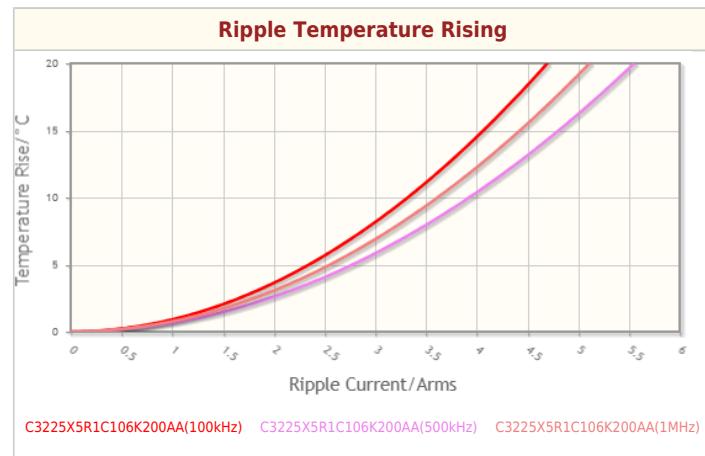
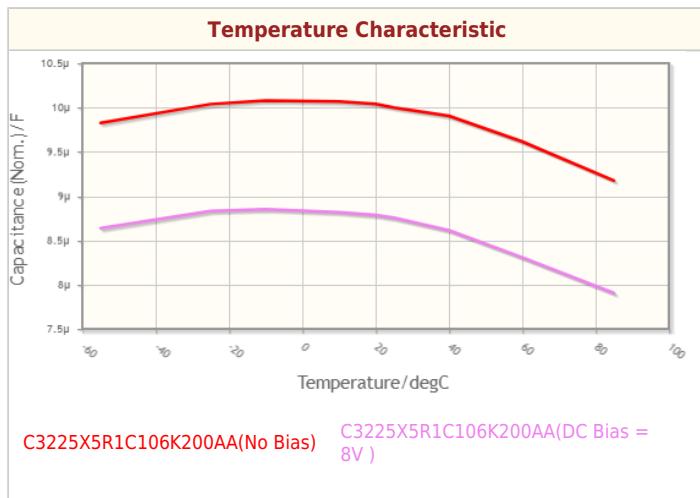
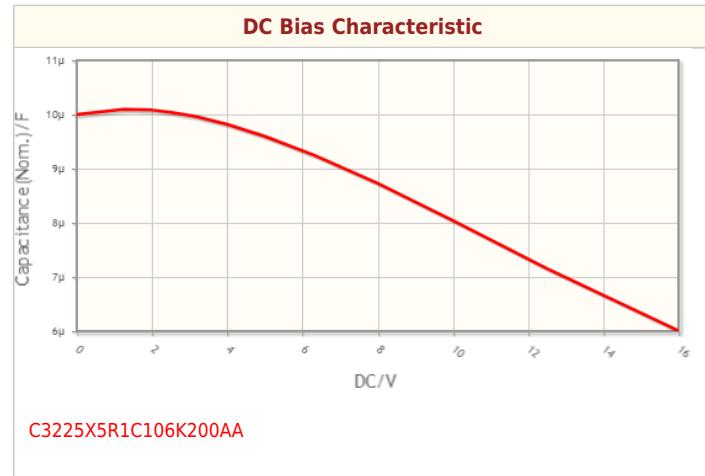
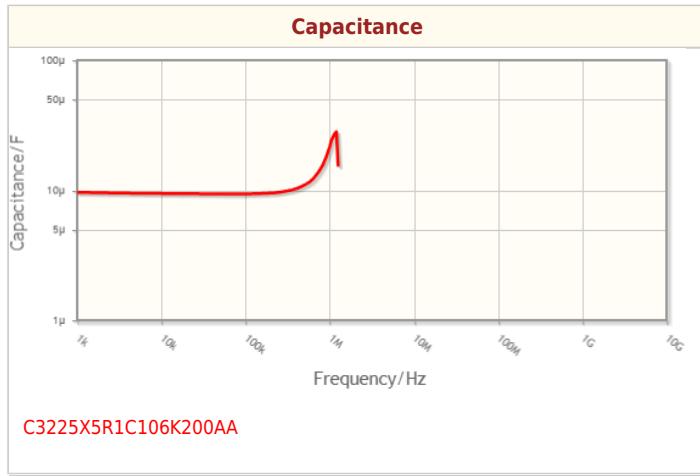
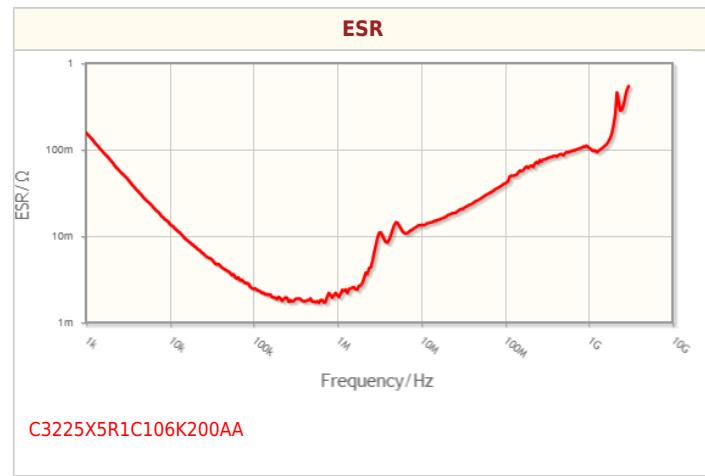
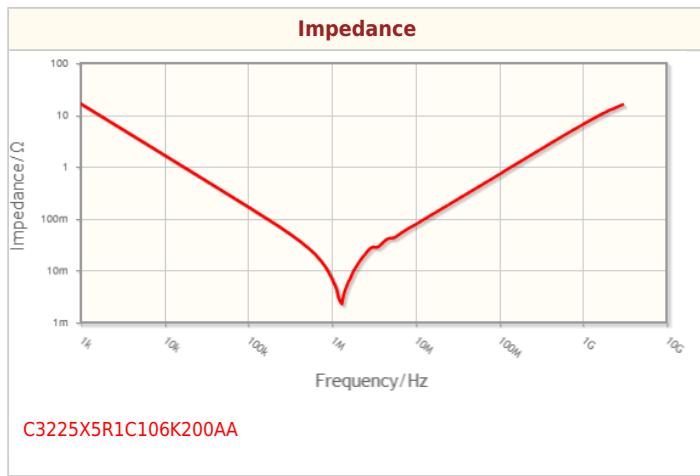
Operating Temp. Range	-55 to 85°C
Soldering Method	Reflow
AEC-Q200	NO
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	1000pcs
FIT (Failure In Time)	 This will be displayed when you login to myTDK

! Images are for reference only and show exemplary products.

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! All specifications are subject to change without notice.

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

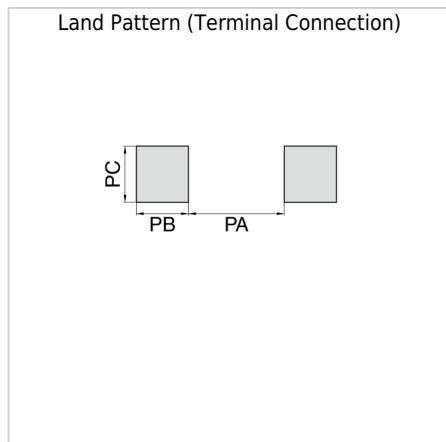


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Associated Images



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