## **WILLIAYER CERAMIC Chip Capacitors** C3216X7R1H225K160AE

RoHS Reach Halogen Free Pb Free

## TDK item description C3216X7R1H225KT\*\*\*S

Applications	Commercial Grade Please refer to Part No. <u>CGA5L3X7R1H225K160AE</u> for Automotive use.	T
Feature	Soft Soft Termination	L.
Series	C3216 [EIA 1206]	G
Status	Production	В

	Size
Length(L)	3.20mm +0.40,-0.20mm
Width(W)	1.60mm +0.30,-0.20mm
Thickness(T)	1.60mm +0.30,-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern (PA)	2.10mm to 2.50mm(Flow Soldering)
	2.00mm to 2.40mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.10mm to 1.30mm(Flow Soldering)
	1.00mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PC)	1.00mm to 1.30mm(Flow Soldering)
	1.10mm to 1.60mm(Reflow Soldering)

Electrical Characteristics		
Capacitance	2.2µF ±10%	
Rated Voltage	50VDC	
Temperature Characteristic	X7R(±15%)	
Dissipation Factor (Max.)	5%	
Insulation Resistance (Min.)	227ΜΩ	

Other		
Coldering Mathed	Wave (Flow)	
Soldering Method	Reflow	
AEC-Q200	NO	
Packing	Embossed (Plastic)Taping [180mm Reel]	
Package Quantity	2000pcs	

! Images are for reference only and show exemplary products.

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





Capacitance









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## Associated Images



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