WILLIAYER CERAMIC Chip Capacitors CGA5L3X7R1H105K160AE

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TDK item description CGA5L3X7R1H105KT***S

Applications	Automotive Grade	12
Feature	AEC-Q200 AEC-Q200 Soft Termination	T G
Series	CGA5(3216) [EIA 1206]	
Status	Production	B
Brand	ТДК	

	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	1µF ±10%	
Rated Voltage	50VDC	
Temperature Characteristic	X7R(±15%)	
Dissipation Factor (Max.)	5%	
Insulation Resistance (Min.)	500ΜΩ	

Other		
Coldoring Mathad	Wave (Flow)	
Soldering Method	Reflow	
AEC-Q200	YES	
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.)



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Associated Images



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