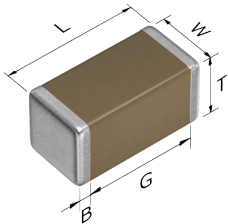


Product Status	Production
TDK Item Description	CGA2B2X8R1H102KT***B
Applications	Automotive Grade
Feature	AEC-Q200AEC-Q200 150°CHigh Temperature Application GlueConductive Epoxy Application
Series	CGA2(1005) [EIA 0402]
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>



Size	
Length(L)	1.00mm ±0.15mm
Width(W)	0.50mm ±0.10mm
Thickness(T)	0.50mm ±0.10mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	
Recommended Land Pattern (PB)	
Recommended Land Pattern (PC)	

Electrical Characteristics	
Capacitance	1nF ±10%
Rated Voltage	50VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	10000MΩ

Other	
Operating Temp. Range	-55 to 150°C
Soldering Method	Conductive Epoxy
AEC-Q200	YES
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

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

