



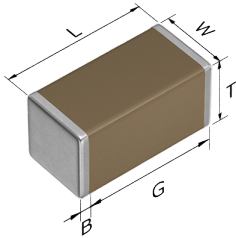


Product Status	Production
TDK Item Description	CGA5L2X8R1E105KT***B
Applications	Automotive Grade
Feature	AEC-Q200AEC-Q200 150°CHigh Temperature Application GlueConductive Epoxy Application
Series	CGA5(3216) [EIA 1206]
Brand	TDK
Environmental Compliance	<div><div>RoHS</div><div>REACH</div><div>Halogen Free</div><div>Lead Free</div></div>



Size	
Length(L)	3.20mm +0.30,-0.10mm
Width(W)	1.60mm +0.30,-0.10mm
Thickness(T)	1.60mm +0.30,-0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern (PA)	2.10mm to 2.50mm
Recommended Land Pattern (PB)	1.10mm to 1.30mm
Recommended Land Pattern (PC)	1.00mm to 1.30mm

Electrical Characteristics	
Capacitance	1μF ±10%
Rated Voltage	25VDC
Temperature Characteristic	X8R(±15%)
Dissipation Factor (Max.)	3%
Insulation Resistance (Min.)	500MΩ

Other	
Operating Temp. Range	-55 to 150°C
Soldering Method	Conductive Epoxy
AEC-Q200	YES
Packing	Embossed (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.

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

