

CGA2B2X7R1C224M050BA



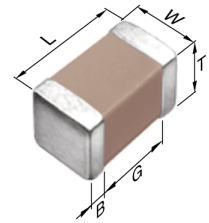
TDK item description CGA2B2X7R1C224MT****

Applications Automotive Grade

Feature General General (Up to 50V)
AEC-Q200 AEC-Q200

Series CGA2(1005) [EIA 0402]

Status Production



Dimensions in mm

Size

Length(L)	1.00mm ±0.05mm
Width(W)	0.50mm ±0.05mm
Thickness(T)	0.50mm ±0.05mm
Terminal Width(B)	0.10mm Min.
Terminal Spacing(G)	0.30mm Min.
Recommended Land Pattern (PA)	0.30mm to 0.50mm
Recommended Land Pattern (PB)	0.35mm to 0.45mm
Recommended Land Pattern (PC)	0.40mm to 0.60mm

Electrical Characteristics

Capacitance	220nF ±20%
Rated Voltage	16VDC
Temperature Characteristic	X7R(±15%)
Dissipation Factor (Max.)	5%
Insulation Resistance (Min.)	454MΩ

Other

Soldering Method	Reflow
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	10000pcs

! 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.

CGA2B2X7R1C224M050BA

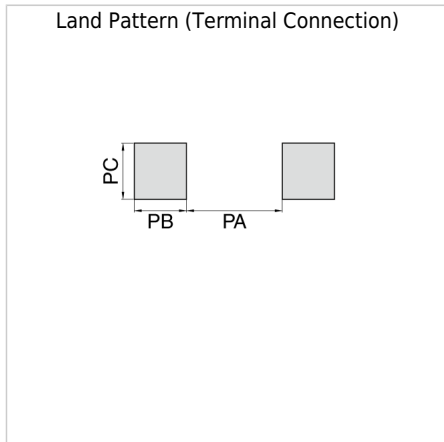


Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)

CGA2B2X7R1C224M050BA



Associated Images



! 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.