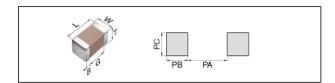
Creation Date: September 05, 2016

CGA6N3X7S1H475K230ABTDK item description: CGA6N3X7S1H475KT****)

Applications Automotive Grade Feature General General (Up to 50V) AEC-Q200 AEC-Q200 CGA6(3225) [EIA CC1210] Series











Size	
Length(L)	3.20mm +/-0.40mm
Width(W)	2.50mm +/-0.30mm
Thickness(T)	2.30mm +/-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	
Recommended Land Pattern(PA)	2.00 to 2.40mm
Recommended Land Pattern(PB)	1.00 to 1.20mm
Recommended Land Pattern(PC)	1.90 to 2.50mm
Recommended Slit Pattern(SD)	

Electrical Characteristics	
Capacitance	4.7uF +/-10%
Rated Voltage	50Vdc
Temperature Characteristic	X7S(+/-22%)
Dissipation Factor	5% Max.
Insulation Resistance	106MΩ Min.

Other	
Soldering Method	Reflow
AEC Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	1000Pcs Min.

[•]This PDF document was created based on the data listed on the TDK Corporation website.

[•]All specifications are subject to change without notice.

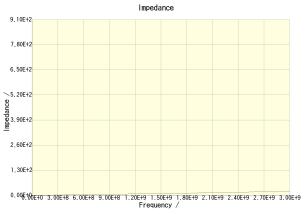
Creation Date: September 05, 2016

CGA6N3X7S1H475K230AB

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

8,40E+0

7.20E+0

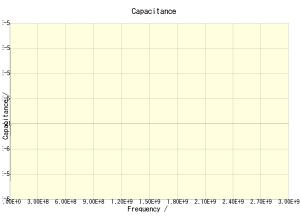




ESR

CGA6N3X7S1H475K230AB

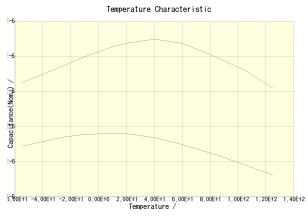


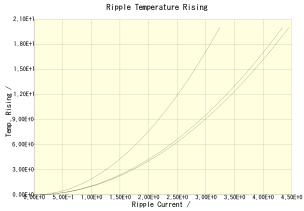




CGA6N3X7S1H475K230AB

CGA6N3X7S1H475K230AB





CGA6N3X7S1H475K230AB(DC Bias = 00A6N3X7S1H475K230AB(DC Bias = 25V)

CGA6N3X7S1H475K230AB(100kHz) CGA6N3X7S1H475K230AB(500kHz) CGA6N3X7S1H475K230AB(1MHz)

[•]This PDF document was created based on the data listed on the TDK Corporation website.

[•]All specifications are subject to change without notice.