

C1608X7R1H683K080AA Multilayer Ceramic Chip Capacitor

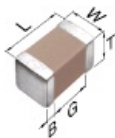
(TDK item description : C1608X7R1H683KT****)

Applications Commercial Grade

Please refer to Part No. CGA3E2X7R1H683K080AA for automotive use.

Feature General General (Up to 50V)

Series C1608 [EIA CC0603]



Size	
Length(L)	1.60mm +/-0.10mm
Width(W)	0.80mm +/-0.10mm
Thickness(T)	0.80mm +/-0.10mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	0.30mm Min.

Electrical Characteristics	
Capacitance	68nF +/-10%
Rated Voltage	50Vdc
Temperature Characteristic	X7R(+/-15%)
Dissipation Factor	3% Max.
Insulation Resistance	7352MΩ Min.

Other	
Soldering Method	Reflow, Flow
AEC Q200	No
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000 Pcs Min.

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Documents

Catalog(General (Up to 50V))	en
Specification	en
Characterization Sheet	en
RoHS Certificate	en
REACH Certificate	en
Recommended Land	en

Design Tools

S-parameter	
SPICE Netlist	
Components Characteristics Viewer	

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

