KEMET Part Number: C0603C684K4PACTU

(C0603C684K4PAC7867)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 0.68 uF, +/-10% Tol, 16 V, X5R, 0603 (1608 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0603 (1608 metric)
Temperature Coefficient:	X5R
Part Type Description:	SMD, MLCC, Temperature Stable, Class II
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	1.6	+/-0.15
W	0.8	+/-0.15
Т	0.8	+/-0.10
В	0.35	+/-0.15
S	0.7	MIN

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Paper Tape	
Package Quantity:	4000	

Specifications		
Capacitance:	0.68 uF	
Voltage:	16 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+85C	
Dissipation Factor:	10%	
Failure Rate:	N/A	
Aging Rate:	4% loss/decade hour	
Insulation Resistance:	740 MOhm	
Dielectric Strength:	40 V	
Miscellaneous:	Note: Referee time for X5R dielectric for this part number is 1000 hours	

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