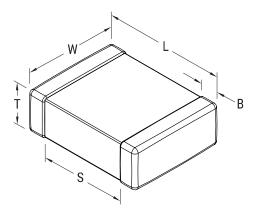
## KEMET Part Number: C0805C684J3NACTU

(C0805C684J3NAC7800)



SMD Comm X8L HT150C, Ceramic, 0.68 uF, 5%, 25 VDC, X8L, SMD, MLCC, High Temperature, Temperature Stable, 0805



Dimensions		
Chip Size	0805	
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1.25mm +/-0.20mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information		
Series:	SMD Comm X8L HT150C	
Style:	SMD Chip	
Description:	SMD, MLCC, High Temperature, Temperature Stable	
Features:	High Temperature, Temperature Stable	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
AEC-Q200:	No	
Component Weight:	21 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	0.68 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+150°C
Temperature Coefficient:	X8L
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	+15%/-40%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	735.3 MOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

