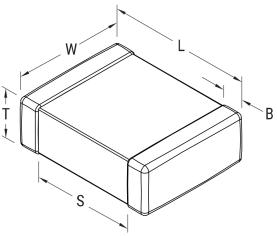


## C0805X309C3HALTU

Aliases (C0805X309C3HAL7800)

SMD Comm X8R HT150C Flex, Ceramic, 3 pF, +/-0.25 pF, 25 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 0805



Click here for the 3D model.

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	0.78mm +/-0.20mm
S	0.6mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

Series SMD Comm X8R HT150C Flex  Style SMD Chip  Description SMD, MLCC, High Temperature, Ultra-Stable  Features Ultra-Stable  RoHS No  Prop 65 MARNING: Cancer and reproductive harm-http://www.p65warnings.ca.gov.  Termination Flexible Termination With Lead (SnPb)
Description SMD, MLCC, High Temperature, Ultra-Stable Features Ultra-Stable RoHS No Prop 65 WARNING: Cancer and reproductive harm-http://www.p65warnings.ca.gov.
Features Ultra-Stable  RoHS No  Prop 65 WARNING: Cancer and reproductive harm- http://www.p65warnings.ca.gov.
RoHS No  Prop 65 WARNING: Cancer and reproductive harm-http://www.p65warnings.ca.gov.
Prop 65 WARNING: Cancer and reproductive harm http://www.p65warnings.ca.gov.
http://www.p65warnings.ca.gov.
Termination Flexible Termination With Lead (SnPb)
Marking false
AEC-Q200 No
Typical Component 13 mg Weight
Shelf Life 78 Weeks
MSL 1

Specifications	
Capacitance	3 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	+/-0.25 pF
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+150°C
Temperature Coefficient	X8R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1MegaHz 1.0Vrms
Dissipation Factor	2.5% 1 MHz 1.0 Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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.