

**KEMET Part Number: C0805C274K3NACTU**  
(C0805C274K3NAC7800)

Ceramic, 150C-(CxxxxC), 0.27 uF, 10%, 25 V, 0805, X8L, SMD, MLCC, High Temperature, Temperature Stable



CeramicChipSMD  
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**Dimensions**

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.9mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

**Packaging Specifications**

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

**General Information**

Style:	SMD Chip
Series:	150C-(CxxxxC)
Chip Size:	0805
Description:	SMD, MLCC, High Temperature, Temperature Stable
Features:	High Temperature, Temperature Stable
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X8L dielectric for this part number is 1000 hours

**Specifications**

Capacitance:	0.27 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 V
Temperature Range:	-55/+150C
Temperature Coefficient:	X8L
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	1.852 GOhms