

KEMET Part Number: C0805C105K8NACTU
(C0805C105K8NAC7800)

Ceramic, 150C-(CxxxxC), 1 uF, 10%, 10 V, 0805, X8L, SMD, MLCC, High Temperature, Temperature Stable



Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

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

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:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 V
Temperature Range:	-55/+150C
Temperature Coefficient:	X8L
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms