

KEMET Part Number: C0402C183K3NACTU
(C0402C183K3NAC7867)

SMD Comm X8L HT150C, Ceramic, 0.018 uF, 10%, 25 VDC, X8L, SMD, MLCC, High Temperature, Temperature Stable, 0402



Dimensions

Dimension	Value
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	10000

General Information

Supplier:	KEMET
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
Miscellaneous:	Note: Referee time for X8L dielectric for this part number is 1000 hours
Chip Size:	0402

Specifications

Capacitance:	0.018 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 V
Temperature Range:	-55/+150C
Temperature Coefficient:	X8L
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	10 GOhms