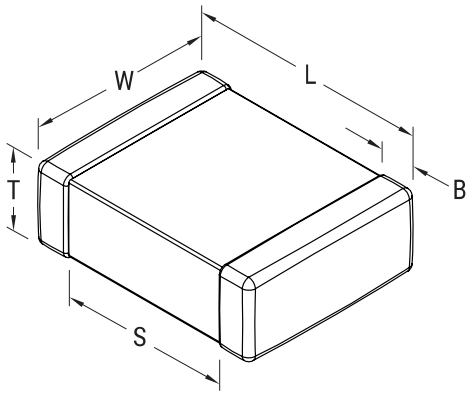
KEMET Part Number: C0805C220K5HACTU

(C0805C220K5HAC7800)

SMD Comm X8R HT150C, Ceramic, 22 pF, 10%, 50 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 0805



Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

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

General Information	
Series:	SMD Comm X8R HT150C
Style:	SMD Chip
Description:	SMD, MLCC, High Temperature, Ultra-Stable
Features:	High Temperature, Ultra-Stable
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Miscellaneous:	Note: Referee time for X8R dielectric for this part number is 1000 hours.
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	22 pF
Measurement Condition:	1 mHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+150°C
Temperature Coefficient:	X8R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1MHz 1.0Vrms
Dissipation Factor:	2.5% 1MHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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