

KEMET Part Number: C0805C225K4RALTU
(C0805C225K4RAL7800)

Ceramic, Commercial-(CxxxxC), 2.2 uF, 10%, 16 V, 0805, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions

Dimension	Value
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:	Commercial-(CxxxxC)
Chip Size:	0805
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	No
Termination:	Lead (SnPb)
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours

Specifications

Capacitance:	2.2 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	10%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	45 MOhms