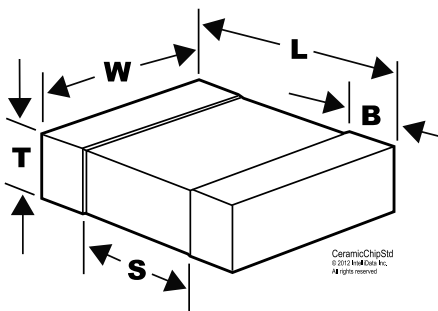


KEMET Part Number: C0805C102KARACTU
(C0805C102KARAC7800)

Ceramic, TipAndRing-(CxxxxC), 1000 pF, 10%, 250 V, 0805, X7R, SMD, MLCC, Tip & Ring, Temperature Stable



Dimensions

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

Style:	SMD Chip
Series:	TipAndRing-(CxxxxC)
Chip Size:	0805
Description:	SMD, MLCC, Tip & Ring, Temperature Stable
Features:	Temperature Stable
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications

Capacitance:	1000 pF
Capacitance Tolerance:	10%
Voltage DC:	250 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms
Dielectric Strength:	625 V