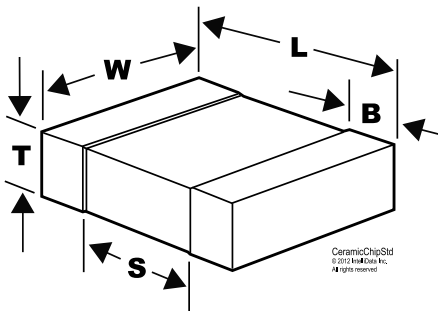


KEMET Part Number: C0805C105K4RACTU

(C0805C105K4RAC7800, C0805C105K4RACTR, 0805C105K4RACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 1 uF, 10%, 16 V, 0805, X7R, SMD, MLCC, Temperature Stable, Class II



CeramicChipStd
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Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.9mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	4000

General Information

Style:	SMD Chip
Supplier:	KEMET
Series:	Commercial-(CxxxxC)
Chip Size:	0805
Description:	SMD, MLCC, Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours

Specifications

Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Dielectric Strength:	40 V

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