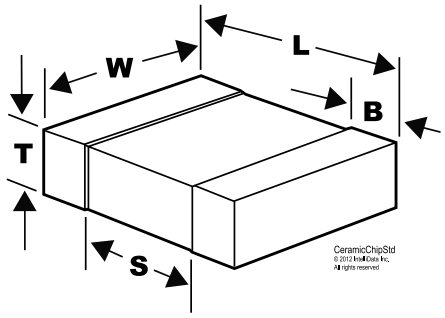
KEMET Part Number: C0805C564K3RACTU

(C0805C564K3RAC7800)

Ceramic, Commercial-(CxxxxC), 0.56 uF, 10%, 25 V, 0805, X7R, SMD, MLCC, Temperature Stable, Class II



General Information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	0805
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	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 1000 hours

Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Specifications	
Capacitance:	0.56 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	179 MOhms

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

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