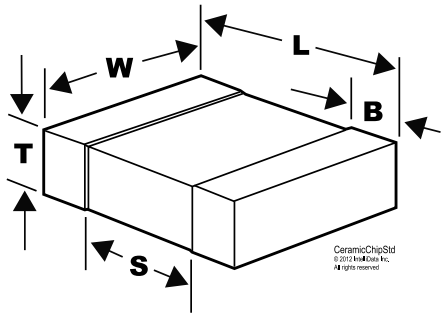
KEMET Part Number: C0603C104K4RACAUTO

Ceramic, AUTO-(CxxxxC-AUTO), 0.1 uF, 10%, 16 V, 0603, X7R, SMD, MLCC, Temperature Stable, Automotive Grade



General Information	
Style:	SMD Chip
Series:	AUTO-(CxxxxC-AUTO)
Chip Size:	0603
Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Features:	Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

Specifications	
Capacitance:	0.1 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
Insulation Resistance:	5 GOhms
Dielectric Strength:	40 V

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

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