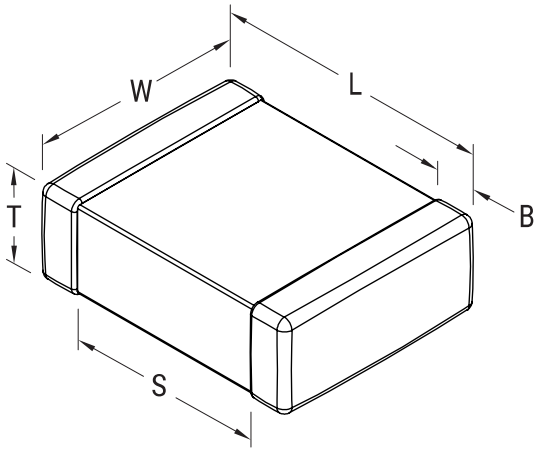
C0603X102MBRAC3317

SMD Auto X7R HV VW80808, Ceramic, 1,000 pF, 20%, 630 VDC, X7R, SMD, MLCC, Automotive Grade, 0603 / 1608



Click here for the 3D model.

General Information	
Series	SMD Auto X7R HV VW80808
Style	SMD Chip
Description	SMD, MLCC, Automotive Grade
Features	VW 80808 Specification Compliant
RoHS	Yes
Termination	Flexible Termination
Failure Rate	N/A
Qualifications	AEC-Q200
Typical Component Weight	6.5 mg
Shelf Life	152 Weeks

Dimensions	
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.58mm MIN
B	0.45mm +/-0.15mm
Case Code (EIA / mm)	0603 / 1608

Packaging Specifications	
Packaging	T&R, 330mm, Paper Tape
Packaging Quantity	15000

Specifications	
Capacitance	1,000 pF
Tolerance	20%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Insulation Resistance	10 GOhms

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