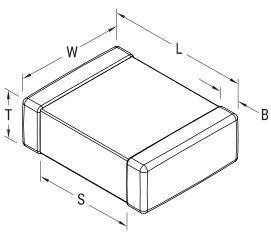




SMD Auto X7R HV VW80808, Ceramic, 1000 pF, 10%, 630 VDC, X7R, SMD, MLCC, Automotive Grade, 0603



	S Click here for the 3D model.	Qualificatio
		AEC-Q200
		Typical Con
Dimensions		Specification
Chip Size	0603	Capacitance
L	1.6mm +/-0.17mm	Capacitance
W	0.8mm +/-0.15mm	Voltage DC
Т	0.8mm +/-0.10mm	Dielectric W

0.58mm MIN

0.45mm +/-0.15mm

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

S

В

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
AEC-Q200	Yes
Typical Component Weight	6.5 mg
Shelf Life	152 Weeks

Specifications	
Capacitance	1000 pF
Capacitance Tolerance	10%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0 Vrms
Insulation Resistance	10 GOhms

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