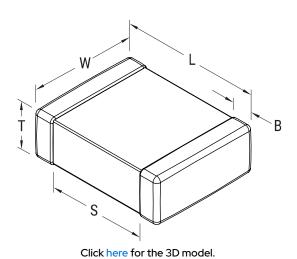




SMD Auto X7R Flex, Ceramic, 1,000 pF, 10%, 50 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 0603, 0.4 mm



General Information	
Series	SMD Auto X7R Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Automotive Grade
Features	FT-CAP, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	7.3 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
S	0.4mm MIN
В	0.45mm +/-0.15mm

••	C.C.IIIII / C.I.C.IIIII
Т	0.8mm +/-0.15mm
S	0.4mm MIN
В	0.45mm +/-0.15mm
Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape

4000

Packaging Quantity

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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