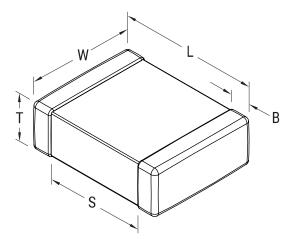


C1825X105K1RACAUTO

SMD Auto X7R Flex, Ceramic, 1 uF, 10%, 100 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 1825, 2.3 mm



Click here for the 3D model.

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	240 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1825
L	4.6mm +/-0.4mm
W	6.4mm +/-0.4mm
Т	1.5mm +/-0.15mm
S	2.3mm MIN
В	0.7mm +/-0.35mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications	
Capacitance	1uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1 GOhms

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