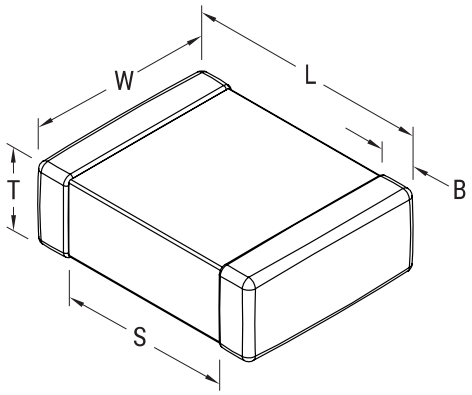
KEMET Part Number: C0805S102J5RACAUTO

SMD Auto X7R FE, Ceramic, Floating Electrode, 1000 pF, 5%, 50 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Automotive Grade, 0805



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

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

General Information	
Supplier:	KEMET
Series:	SMD Auto X7R FE
Style:	SMD Chip
Description:	SMD, MLCC, FE-CAP, Floating Electrode, Automotive Grade
Features:	FE-CAP, Floating Electrode, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	0805

Specifications	
Capacitance:	1000 pF
Capacitance Tolerance:	5%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	100 GOhms

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