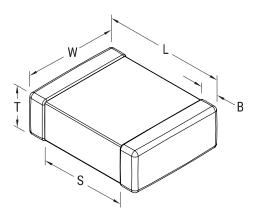
KEMET Part Number: C0805C102J5HACAUTO



SMD Auto X8R HT150C, Ceramic, 1000 pF, 5%, 50 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0805



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

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

General Information	
Supplier:	KEMET
Series:	SMD Auto X8R HT150C
Style:	SMD Chip
Description:	SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade
Features:	High Temperature, Ultra-Stable, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X8R dielectric for this part number is 1000 hours
Chip Size:	0805
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	1000 pF	
Capacitance Tolerance:	5%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+150C	
Temperature Coefficient:	X8R	
Dissipation Factor:	2.50% 1MHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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