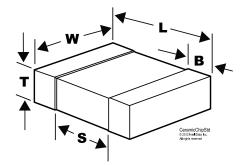# KEMET Part Number: C0402C220J5GACAUTO

Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade, 22 pF, +/-5% Tol, 50 V, C0G, 0402 (1005 metric)

CeramicChipStd
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General Information

Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	0402 (1005 metric)
Temperature Coefficient:	C0G
Part Type Description:	SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)

Symbol	Dimension	Tolerance
L	1	+/-0.05
W	0.5	+/-0.05
T	0.5	+/-0.05
B	0.3	+/-0.1
S	0.3	MIN

Packaging Specifications

Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Paper Tape
Package Quantity:	10000

Specifications

Capacitance:	22 pF
Voltage:	50 V
Tolerance:	+/-5%
Temperature Range:	-55/+125C
Dissipation Factor:	0.1%
Failure Rate:	N/A
Aging Rate:	0% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts

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