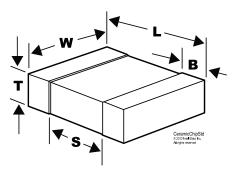
KEMET Part Number: C0402C102K3RACAUTO



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 1000 pF, +/-10% Tol, 25 V, X7R, 0402 (1005 metric)



General Information	
Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	0402 (1005 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, Temperature Stable, Automotive Grade
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes
Approvals:	AEC-Q200

Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	1	+/-0.05	
W	0.5	+/-0.05	
Т	0.5	+/-0.05	
В	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:	1000 pF	
Voltage:	25 V	
Tolerance:	+/-10%	
Temperature Range:	-55/+125C	
Dissipation Factor:	3.5%	
Failure Rate:	N/A	
Aging Rate:	3% loss/decade hour	
Insulation Resistance:	100 GOhm	
Dielectric Strength:	62.5 V	
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours	

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