

Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade, 47 pF, +/-10% Tol, 50 V, C0G, 1206 (3216 metric)



General Information	
Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	1206 (3216 metric)
Temperature Coefficient:	C0G
Part Type Description:	SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes
Approvals:	AEC-Q200

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
T	0.78	+/-0.10
B	0.5	+/-0.25

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	4000

Specifications	
Capacitance:	47 pF
Voltage:	50 V
Tolerance:	+/-10%
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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.