

SMD Auto COG HV, Ceramic, 0.047 uF, 5%, 1000 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 3640



Dimensions

L	9.1mm +/-0.4mm
W	10.2mm +/-0.4mm
T	2.5mm +/-0.20mm
B	1.27mm +/-0.4mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	250

General Information

Supplier:	KEMET
Series:	SMD Auto COG HV
Style:	SMD Chip
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features:	Ultra-Stable, Low Loss, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Chip Size:	3640
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.047 uF
Capacitance Tolerance:	5%
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	1,200 V
Temperature Range:	-55/+125C
Temperature Coefficient:	COG
Dissipation Factor:	0.10% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	21.277 GOhms

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.