

SMD Indust COG HT200C, Ceramic, 0.047 uF, 5%, 50 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 1206

**Dimensions**

L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.1mm +/-0.10mm
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging:	Cut Reel
Packaging Quantity:	250

General Information

Supplier:	KEMET
Series:	SMD Indust COG HT200C
Style:	SMD Chip
Description:	SMD, MLCC, High Temperature, Ultra-Stable, Low Loss
Features:	High Temp, Ultra-Stable, Low Loss
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts
Chip Size:	1206
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.047 uF
Capacitance Tolerance:	5%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+200°C
Temperature Coefficient:	COG
Dissipation Factor:	0.10% 1kHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	21.277 GOhms