

## C3640H124MCGACTU

Aliases (C3640H124MCGAC7800)

SMD Indust COG HVHT200C, Ceramic, 0.12 uF, 20%, 500 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 3640



Click [here](#) for the 3D model.

### Dimensions

Chip Size	3640
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

Series	SMD Indust COG HVHT200C
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
AEC-Q200	No
Component Weight	1.06 g
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.12 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+200°C
Temperature Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	8.3333 GOhms

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