

C1825H562JDGACTU

Aliases (C1825H562JDGAC7800)

SMD Indust COG HVHT200C, Ceramic, 5,600 pF, 5%, 1,000 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 1825



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

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	false
AEC-Q200	No
Typical Component Weight	230 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	1825
L	4.5mm +/-0.3mm
W	6.4mm +/-0.4mm
T	1.6mm +/-0.20mm
S	2.3mm MIN
B	0.6mm +/-0.35mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications

Capacitance	5,600 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 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% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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