

## C4540H683KGGWCT050

SMD Indust COG HVHT200C Pulse, Ceramic, 0.068 uF, 10%, 1,000 VDC, COG, SMD, MLCC, High Temperature, Pulse Discharge, Ultra-Stable, Low Loss, 4540, 6.3 mm



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

### General Information

Series	SMD Indust COG HVHT200C Pulse
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Pulse Discharge, Ultra-Stable, Low Loss
Features	High Temperature
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	1.35 g
Shelf Life	78 Weeks
MSL	1

### Dimensions

Chip Size	4540
L	11.4mm +/-0.4mm
W	10.2mm +/-0.4mm
T	2.5mm +/-0.20mm
S	6.3mm MIN
B	1.27mm +/-0.4mm

### Packaging Specifications

Packaging	Cut Reel
Packaging Quantity	50

### Specifications

Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	2,000 VDC
Temperature Range	-55/+200°C
Temp. 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	14.7059 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.