

## 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          |

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