

C4540H183KVGWCTU

Aliases (C4540H183KVGWC7800)

SMD Indust COG HVHT200C Pulse, Ceramic, 0.018 uF, 10%, 2000 VDC, COG, SMD, MLCC, High Temperature, Pulse Discharge, Ultra-Stable, Low Loss, 4540



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| Chip Size | 4540 |
| L | 11.4mm +/-0.4mm |
| W | 10.2mm +/-0.4mm |
| T | 2.5mm +/-0.20mm |
| В | 1.27mm +/-0.4mm |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging | T&R, 180mm, Plastic Tape | |
| Packaging Quantity | 200 | |

| 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 |
| Component Weight | 1.35 g |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|---------------------------|
| Capacitance | 0.018 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 2000 VDC |
| Dielectric Withstanding Voltage | 3500 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 | 55.5556 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.