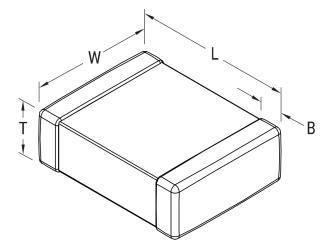


C2220H474J5GACT500

SMD Indust COG HT200C, Ceramic, 0.47 uF, 5%, 50 VDC, COG, SMD, MLCC, High Temperature, Ultra-Stable, Low Loss, 2220



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 2220            |
| L          | 5.7mm +/-0.4mm  |
| W          | 5mm +/-0.4mm    |
| Т          | 2.2mm +/-0.15mm |
| В          | 0.6mm +/-0.35mm |

| Packaging Specifications |          |  |
|--------------------------|----------|--|
| Packaging                | Cut Reel |  |
| Packaging Quantity       | 500      |  |

| General Information |  |
|---------------------|--|
| Series              | SMD Indust COG HT200C                                  |
| Style               | SMD Chip   |
| Description         | SMD, MLCC, High Temperature, Ultra-Stable,<br>Low Loss |
| Features            | High Temp, Ultra-Stable, Low Loss                      |
| RoHS                | Yes  |
| Termination         | Tin  |
| Marking             | No   |
| AEC-Q200            | No   |
| Component<br>Weight | 260 mg   |
| Shelf Life          | 78 Weeks   |
| MSL                 | 1  |

| Specifications  |                           |
|---|---------------------------|
| Capacitance   | 0.47 uF                   |
| Measurement Condition   | 1 kHz 1.0Vrms             |
| Capacitance Tolerance   | 5%                        |
| Voltage DC  | 50 VDC                    |
| Dielectric Withstanding Voltage                                       | 125 VDC                   |
| Temperature Range   | -55/+200°C                |
| Temperature Coefficient   | COG                       |
| Capacitance Change with Reference to +25°C<br>and 0 VDC Applied (TCC) | 30 ppm/C, 1kHz<br>1.0Vrms |
| Dissipation Factor  | 0.1% 1 kHz 1.0Vrms        |
| Aging Rate  | 0% Loss/Decade<br>Hour    |
| Insulation Resistance   | 2.1277 GOhms              |

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