

## C0805C130J4HACTU

Aliases (C0805C130J4HAC7800)

SMD Comm X8R HT150C, Ceramic, 13 pF, 5%, 16 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 0805



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| Chip Size  | 0805             |
| L          | 2mm +/-0.2mm     |
| W          | 1.25mm +/-0.2mm  |
| Т          | 0.78mm +/-0.10mm |
| S          | 0.75mm MIN       |
| В          | 0.5mm +/-0.25mm  |

| Packaging Specifications |                        |
|--------------------------|------------------------|
| Packaging                | T&R, 180mm, Paper Tape |
| Packaging Quantity       | 4000                   |

| General Information |   |
|---------------------|---|
| Series              | SMD Comm X8R HT150C                       |
| Style               | SMD Chip                                  |
| Description         | SMD, MLCC, High Temperature, Ultra-Stable |
| Features            | High Temperature, Ultra-Stable            |
| RoHS                | Yes                                       |
| Termination         | Tin                                       |
| Marking             | No  |
| AEC-Q200            | No  |
| Component Weight    | 11 mg                                     |
| Shelf Life          | 78 Weeks                                  |
| MSL                 | 1   |

| Specifications  |  |
|---|--|
| Capacitance   | 13 pF  |
| Measurement Condition   | 1 MHz 1.0Vrms                                      |
| Capacitance Tolerance   | 5%   |
| Voltage DC  | 16 VDC   |
| Dielectric Withstanding Voltage                                       | 40 VDC   |
| Temperature Range   | -55/+150°C   |
| Temperature Coefficient   | X8R  |
| Capacitance Change with Reference<br>to +25°C and 0 VDC Applied (TCC) | 15%, 1MegaHz 1.0Vrms                               |
| Dissipation Factor  | 2.5% 1 MHz 1.0Vrms                                 |
| Aging Rate  | 0% Loss/Decade Hour:<br>Referee Time is 1000 Hours |
| Insulation Resistance   | 100 GOhms  |

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