

## C1210Y332KGRACAUTO

SMD X7R HV AUTO FF, Ceramic, 3300 pF, 10%, 2000 VDC, X7R, SMD, MLCC, Floating Electrode, Automotive Grade, 1210



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1210            |
| L          | 3.3mm +/-0.4mm  |
| W          | 2.6mm +/-0.3mm  |
| T          | 2.5mm +/-0.30mm |
| В          | 0.6mm +/-0.25mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 180mm, Plastic Tape |
| Packaging Quantity       | 1000                     |

| General Information |                                      |
|---------------------|--------------------------------------|
| Series              | SMD X7R HV AUTO FF                   |
| Style               | SMD Chip                             |
| Description         | SMD, MLCC, Automotive Grade          |
| Features            | Floating Electrode, Automotive Grade |
| RoHS                | Yes                                  |
| Termination         | Flexible Termination                 |
| Marking             | No                                   |
| Qualifications      | AEC-Q200                             |
| AEC-Q200            | Yes                                  |
| Component Weight    | 85 mg                                |
| Shelf Life          | 78 Weeks                             |
| MSL                 | 1                                    |

| Specifications   |  |
|--|--|
| Capacitance  | 3300 pF  |
| Measurement Condition  | 1 kHz 1.0Vrms                                      |
| Capacitance Tolerance  | 10%  |
| Voltage DC   | 2000 VDC   |
| Dielectric Withstanding Voltage                                    | 2400 VDC   |
| Temperature Range  | -55/+125°C   |
| Temperature Coefficient  | X7R  |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms                                  |
| Dissipation Factor   | 2.5% 1 kHz 1.0Vrms                                 |
| Aging Rate   | 3% Loss/Decade Hour:<br>Referee Time is 1000 Hours |
| Insulation Resistance  | 100 GOhms  |

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