



Click [here](#) for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1206            |
| L          | 3.3mm +/-0.4mm  |
| W          | 1.6mm +/-0.35mm |
| T          | 1mm +/-0.20mm   |
| B          | 0.6mm +/-0.25mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 330mm, Plastic Tape |
| Packaging Quantity       | 10000                    |

| General Information      |                                  |
|--------------------------|----------------------------------|
| Series                   | SMD Auto X7R HV VW80808          |
| Style                    | SMD Chip                         |
| Description              | SMD, MLCC, Automotive Grade      |
| Features                 | VW 80808 Specification Compliant |
| RoHS                     | Yes                              |
| Termination              | Flexible Termination             |
| Failure Rate             | N/A                              |
| Qualifications           | AEC-Q200                         |
| AEC-Q200                 | Yes                              |
| Typical Component Weight | 25 mg                            |
| Shelf Life               | 152 Weeks                        |

| Specifications   |                       |
|--|-----------------------|
| Capacitance  | 12 pF                 |
| Capacitance Tolerance  | 10%                   |
| Voltage DC   | 500 VDC               |
| Dielectric Withstanding Voltage                                    | 750 VDC               |
| Temperature Range  | -55/+125°C            |
| Temperature Coefficient  | X7R                   |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz<br>1.0Vrms  |
| Dissipation Factor   | 2.5% 1 kHz<br>1.0Vrms |
| Insulation Resistance  | 100 GOhms             |

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