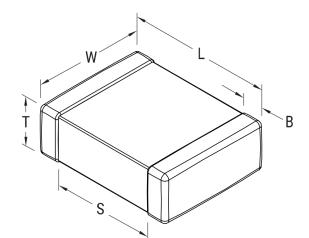


C1210X682KDRAC3316

SMD Auto X7R HV VW80808, Ceramic, 6800 pF, 10%, 1000 VDC, X7R, SMD, MLCC, Automotive Grade, 1210



Click here for the 3D model.

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

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

| 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 |
| Component Weight | 65 mg |
| Shelf Life | 152 Weeks |

| Specifications | |
|--|----------------------|
| Capacitance | 6800 pF |
| Capacitance Tolerance | 10% |
| Voltage DC | 1000 VDC |
| Dielectric Withstanding Voltage | 1200 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%1kHz 1.0Vrms |
| Insulation Resistance | 100 GOhms |

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