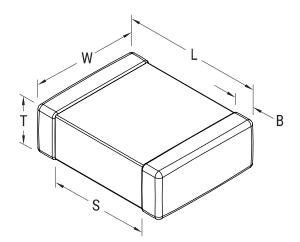




SMD Auto X7R HV VW80808, Ceramic, 220 pF, 20%, 500 VDC, X7R, SMD, MLCC, Automotive Grade, 1210



Click here for the 3D model.

| General Information      |                                     |
|--------------------------|-------------------------------------|
| Series                   | SMD Auto X7R HV VW80808             |
| Style                    | SMD Chip                            |
| Description              | SMD, MLCC, Automotive Grade         |
| Features                 | VW 80808 Specification<br>Compliant |
| RoHS                     | Yes                                 |
| Termination              | Flexible Termination                |
| Failure Rate             | N/A                                 |
| Qualifications           | AEC-Q200                            |
| AEC-Q200                 | Yes                                 |
| Typical Component Weight | 65 mg                               |
| Shelf Life               | 152 Weeks                           |

| ns               |                 | Specifications          |
|------------------|-----------------|-------------------------|
|                  | 1210            | Capacitance             |
|                  | 3.3mm +/-0.4mm  | Tolerance               |
|                  | 2.6mm +/-0.3mm  | Voltage DC              |
|                  | 1.7mm +/-0.20mm | Dielectric Withstanding |
|                  | 0.6mm +/-0.25mm | Temperature Range       |
|                  |                 | Temp. Coefficient       |
| g Specifications |                 | Capacitance Change w    |

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|--------------------------|--------------------------|
| Packaging                | T&R, 180mm, Plastic Tape |
| Packaging Quantity       | 2000                     |
|                          |                          |

| Specifications   |                   |
|--|-------------------|
| Capacitance  | 220 pF            |
| Tolerance  | 20%               |
| Voltage DC   | 500 VDC           |
| Dielectric Withstanding Voltage  | 750 VDC           |
| Temperature Range  | -55/+125°C        |
| Temp. Coefficient  | X7R               |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor   | 2.5%1kHz1.0Vrms   |
| Insulation Resistance  | 100 GOhms         |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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