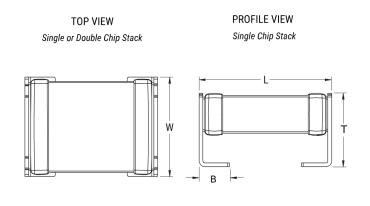


a YAGEO company

C1210C335K5R1CAUTO

KPS SMD Auto X7R, Ceramic, 3.3 uF, 10%, 50 VDC, X7R, 1210-1



General Information Series KPS SMD Auto X7R Style Stacked Chip SMD, MLCC, Stacked, Single Chip, Class II, Description Automotive Grade Features Automotive Grade RoHS Yes Termination Tin Qualifications AEC-Q200 AEC-Q200 Yes Component 160 mg Weight Chip Size 1210-1 Shelf Life 78 Weeks MSL

Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| L | 3.5mm +/-0.3mm |
| W | 2.6mm +/-0.3mm |
| Т | 3.35mm +/-0.10mm |
| В | 0.8mm +/-0.15mm |

| Packaging Specifications | | | |
|--------------------------|--------------------------|--|--|
| Packaging | T&R, 180mm, Plastic Tape | | |
| Packaging Quantity | 600 | | |

| Specifications | | | |
|--|--|--|--|
| Capacitance | 3.3 uF | | |
| Measurement Condition | 1 kHz 1.0Vrms | | |
| Capacitance Tolerance | 10% | | |
| Voltage DC | 50 VDC | | |
| Dielectric Withstanding Voltage | 125 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 1.0 Vrms | | |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours | | |
| Insulation Resistance | 151.5 MOhms | | |

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.