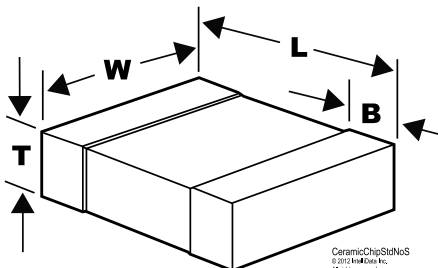


SMD Auto X7R HV, Ceramic, 0.022 uF, 10%, 2,000 V, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 2220



| Dimensions |                 |
|------------|-----------------|
| L          | 5.7mm +/-0.4mm  |
| W          | 5mm +/-0.4mm    |
| T          | 2.5mm +/-0.20mm |
| B          | 0.6mm +/-0.35mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 180mm, Plastic Tape |
| Packaging Quantity:      | 500                      |

| General Information |  |
|---------------------|--|
| Supplier:           | KEMET  |
| Series:             | SMD Auto X7R HV  |
| Style:              | SMD Chip   |
| Description:        | SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade            |
| Features:           | High Voltage, Temp Stable, Automotive Grade                              |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Failure Rate:       | N/A  |
| Approvals:          | AEC-Q200   |
| AEC-Q200:           | Yes  |
| Miscellaneous:      | Note: Referee time for X7R dielectric for this part number is 1000 hours |
| Chip Size:          | 2220   |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 0.022 uF            |
| Capacitance Tolerance:           | 10%                 |
| Voltage DC:                      | 2000 VDC            |
| Dielectric Withstanding Voltage: | 2,400 V             |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | X7R                 |
| Dissipation Factor:              | 2.5% 1kHz 25C       |
| Aging Rate:                      | 3% Loss/Decade Hour |
| Insulation Resistance:           | 45.455 GOhms        |

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