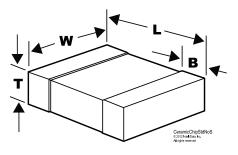
KEMET Part Number: C2225C154KDRACAUTO



SMD Auto X7R HV, Ceramic, 0.15 uF, 10%, 1,000 V, X7R, SMD, MLCC, High Voltage, Temperature Stable, Automotive Grade, 2225



| Dimensions | | |
|------------|-----------------|--|
| L | 5.6mm +/-0.4mm | |
| W | 6.4mm +/-0.4mm | |
| Т | 2.5mm +/-0.20mm | |
| В | 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: | 2225 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.15 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 1000 VDC | |
| Dielectric Withstanding Voltage: | 1,200 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.5% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 6.667 GOhms | |

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