

Capacitor, Ceramic, SMD, MLCC, High Voltage, Temp Stable, Auto Grade, 0.1 uF, +/-10% Tol, 630 V, X7R, 2220 (5750 metric)



| General Information      |  |
|--------------------------|--|
| Supplier:                | KEMET  |
| Application:             | Automotive (AEC-Q200 Qualified)                  |
| Chip Size:               | 2220 (5750 metric)                               |
| Temperature Coefficient: | X7R  |
| Part Type Description:   | SMD, MLCC, High Voltage, Temp Stable, Auto Grade |
| Termination Type:        | Tin (Sn)   |
| Marked:                  | No   |
| RoHS:                    | Yes  |
| Approvals:               | AEC-Q200   |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 5.7       | +/-0.4    |
| W               | 5         | +/-0.4    |
| T               | 2.5       | +/-0.20   |
| B               | 0.6       | +/-0.35   |

| Packaging Specifications |              |
|--------------------------|--------------|
| Package Kind:            | T&R          |
| Package Size:            | 7 in/180 mm  |
| Package Type:            | Plastic Tape |
| Package Quantity:        | 500          |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 0.1 uF   |
| Voltage:               | 630 V  |
| Tolerance:             | +/-10%   |
| Temperature Range:     | -55/+125C  |
| Dissipation Factor:    | 2.5%   |
| Failure Rate:          | N/A  |
| Aging Rate:            | 3% loss/decade hour  |
| Insulation Resistance: | 10 GOhm  |
| Dielectric Strength:   | 945 V  |
| Miscellaneous:         | Note: Referee time for X7R dielectric for this part number is 1000 hours |

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