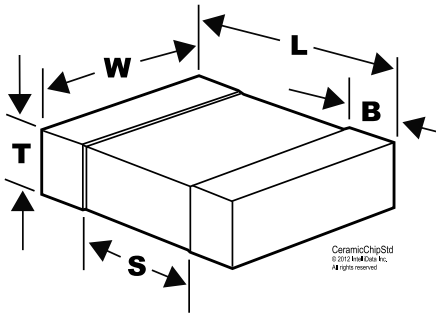


Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Automotive Grade, 0.01 uF, +/-10% Tol, 10 V, X7R, 0402 (1005 metric)



| General Information      |   |
|--------------------------|---|
| Supplier:                | KEMET   |
| Application:             | Automotive (AEC-Q200 Qualified)                 |
| Chip Size:               | 0402 (1005 metric)                              |
| Temperature Coefficient: | X7R   |
| Part Type Description:   | SMD, MLCC, Temperature Stable, Automotive Grade |
| Termination Type:        | Tin (Sn)  |
| Marked:                  | No  |
| RoHS:                    | Yes   |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 1         | +/-0.05   |
| W               | 0.5       | +/-0.05   |
| T               | 0.5       | +/-0.05   |
| B               | 0.3       | +/-0.1    |
| S               | 0.3       | MIN       |

| Packaging Specifications |            |
|--------------------------|------------|
| Package Kind:            | T&R        |
| Package Size:            | 7in        |
| Package Type:            | Paper Tape |
| Package Quantity:        | 10000      |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 0.01 uF  |
| Voltage:               | 10 V   |
| Tolerance:             | +/-10%   |
| Temperature Range:     | -55/+125C  |
| Dissipation Factor:    | 5%   |
| Failure Rate:          | NA   |
| Aging Rate:            | 3% loss/decade hour  |
| Insulation Resistance: | 100 GOhm   |
| Dielectric Strength:   | 25 V   |
| Miscellaneous:         | Note: Referee time for X7R dielectric for this part number is 1000 hours |