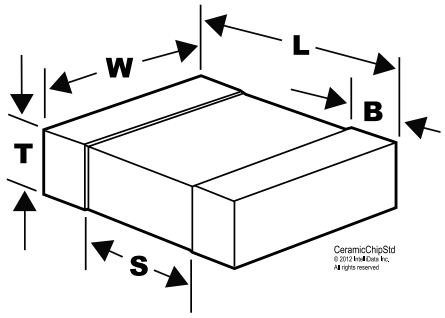
# KEMET Part Number: C0402C103K3RACTU

(C0402C103K3RAC7867)

Ceramic, Commercial-(CxxxxC), 0.01 uF, 10%, 25 V, 0402, X7R, SMD, MLCC, Temperature Stable, Class II




| General Information | |
|---|---|
| **Style:** | SMD Chip |
| **Series:** | Commercial-(CxxxxC) |
| **Chip Size:** | 0402 |
| **Description:** | SMD, MLCC, Temperature Stable, Class II |
| **Features:** | Temperature Stable, Class II |
| **RoHS:** | Yes |
| **Termination:** | Tin |
| **Marking:** | No |
| **Failure Rate:** | N/A |
| **Miscellaneous:** | Note: Referee time for X7R dielectric for this part number is 48 hours |

| Dimensions | |
|---|---|
| **L** | 1mm +/-0.05mm |
| **W** | 0.5mm +/-0.05mm |
| **T** | 0.5mm +/-0.05mm |
| **S** | 0.3mm MIN |
| **B** | 0.3mm +/-0.1mm |

| Specifications | |
|---|---|
| **Capacitance:** | 0.01 uF |
| **Capacitance Tolerance:** | 10% |
| **Voltage DC:** | 25 VDC |
| **Dielectric Withstanding Voltage:** | 62.5 V |
| **Temperature Range:** | -55/+125C |
| **Temperature Coefficient:** | X7R |
| **Dissipation Factor:** | 3.5% |
| **Aging Rate:** | 3% Loss/Decade Hour |
| **Insulation Resistance:** | 100 GOhms |

| Packaging Specifications | |
|---|---|
| **Packaging:** | T&R, 180mm, Paper Tape |
| **Packaging Quantity:** | 10000 |

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