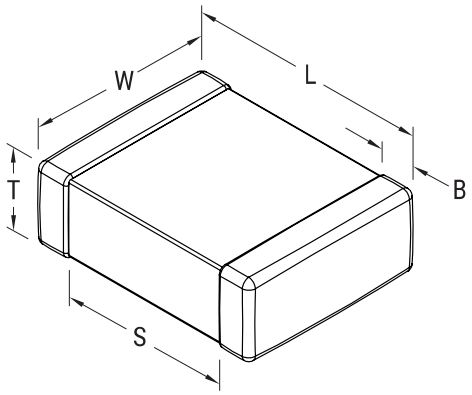
# KEMET Part Number: C0805S102K2RACTU

(C0805S102K2RAC7800)

SMD Comm X7R FE, Ceramic, Floating Electrode, 1000 pF, 10%, 200 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable, 0805




| General Information | |
|---|---|
| **Supplier:** | KEMET |
| **Series:** | SMD Comm X7R FE |
| **Style:** | SMD Chip |
| **Description:** | SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable |
| **Features:** | FE-CAP, Floating Electrode, Temperature Stable |
| **RoHS:** | Yes |
| **Termination:** | Tin |
| **Marking:** | No |
| **Miscellaneous:** | Note: Referee time for X7R dielectric for this part number is 1000 hours |
| **Chip Size:** | 0805 |

| Dimensions | |
|---|---|
| **L** | 2mm +/-0.2mm |
| **W** | 1.25mm +/-0.2mm |
| **T** | 0.78mm +/-0.10mm |
| **S** | 0.75mm MIN |
| **B** | 0.5mm +/-0.25mm |

| Specifications | |
|---|---|
| **Capacitance:** | 1000 pF |
| **Capacitance Tolerance:** | 10% |
| **Voltage DC:** | 200 VDC |
| **Dielectric Withstanding Voltage:** | 500 V |
| **Temperature Range:** | -55/+125C |
| **Temperature Coefficient:** | X7R |
| **Dissipation Factor:** | 2.50% 1kHz 25C |
| **Aging Rate:** | 3% Loss/Decade Hour |
| **Insulation Resistance:** | 100 GOhms |

| Packaging Specifications | |
|---|---|
| **Packaging:** | T&R, 180mm, Paper Tape |
| **Packaging Quantity:** | 4000 |

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