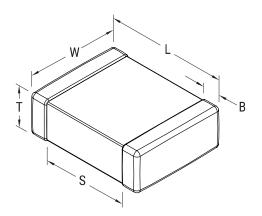
KEMET Part Number: C0805X103K1RACTU

(C0805X103K1RAC7800)



SMD Comm X7R Flex, Ceramic, 0.01 uF, 10%, 100 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 0805



| Dimensions | |
|------------|------------------|
| L | 2mm +/-0.3mm |
| W | 1.25mm +/-0.3mm |
| Т | 0.78mm +/-0.20mm |
| S | 0.75mm MIN |
| В | 0.5mm +/-0.25mm |

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

| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm X7R Flex |
| Style: | SMD Chip |
| Description: | SMD, MLCC, FT-CAP, Temperature Stable |
| Features: | FT-CAP, Temperature Stable |
| RoHS: | Yes |
| Termination: | Flexible Termination |
| Marking: | No |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |
| Chip Size: | 0805 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.01 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 100 VDC | |
| Dielectric Withstanding Voltage: | 250 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |

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