KEMET Part Number: C0805X103K2RACTU

(C0805X103K2RAC7800)



Ceramic, FlexTerm-(CxxxxX), 0.01 uF, 10%, 200 V, 0805, X7R, SMD, MLCC, FT-CAP, Temperature Stable



| 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 | | |
|---------------------|--|--|
| Style: | SMD Chip | |
| Series: | FlexTerm-(CxxxxX) | |
| Chip Size: | 0805 | |
| Description: | SMD, MLCC, FT-CAP, Temperature Stable | |
| Features: | FT-CAP, Temperature Stable | |
| RoHS: | Yes | |
| Termination: | Flexible Termination | |
| Marking: | No | |
| Failure Rate: | N/A | |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.01 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 200 VDC | |
| Dielectric Withstanding Voltage: | 500 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.5% | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 100 GOhms | |

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