

KEMET Part Number: C0805X223K1RACTU
(C0805X223K1RAC7800)

Ceramic, FlexTerm-(CxxxxX), 0.022 uF, 10%, 100 V, 0805, X7R, SMD, MLCC, FT-CAP, Temperature Stable



| Dimensions | |
|------------|-----------------|
| L | 2mm +/-0.3mm |
| W | 1.25mm +/-0.3mm |
| T | 0.9mm +/-0.10mm |
| S | 0.75mm MIN |
| B | 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: | 0.022 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 100 VDC |
| Dielectric Withstanding Voltage: | 250 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 2.5% |
| Aging Rate: | 3% Loss/Decade Hour |
| Insulation Resistance: | 45.455 GOhms |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.