

**KEMET Part Number: C2220C103KHRACTU**  
(C2220C103KHRAC7800)

Capacitor, Ceramic, SMD, MLCC, High Voltage, Temperature Stable, 0.01 uF, +/-10% Tol, 3000 V, X7R, 2220 (5750 metric)



| General Information      |   |
|--------------------------|---|
| Supplier:                | KEMET                                       |
| Application:             | Standard Chip                               |
| Chip Size:               | 2220 (5750 metric)                          |
| Temperature Coefficient: | X7R   |
| Part Type Description:   | SMD, MLCC, High Voltage, Temperature Stable |
| Termination Type:        | Tin (Sn)                                    |
| Marked:                  | No  |
| RoHS:                    | Yes   |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 5.7       | +/-0.4    |
| W               | 5         | +/-0.4    |
| T               | 2         | +/-0.20   |
| B               | 0.6       | +/-0.35   |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 0.01 uF  |
| Voltage:               | 3000 V   |
| Tolerance:             | +/-10%   |
| Temperature Range:     | -55/+125C  |
| Dissipation Factor:    | 2.5%   |
| Failure Rate:          | N/A  |
| Aging Rate:            | 3% loss/decade hour  |
| Insulation Resistance: | 100 GOhm   |
| Dielectric Strength:   | 3600 V   |
| Miscellaneous:         | Note: Referee time for X7R dielectric for this part number is 1000 hours |

| Packaging Specifications |              |
|--------------------------|--------------|
| Package Kind:            | T&R          |
| Package Size:            | 7 in/180 mm  |
| Package Type:            | Plastic Tape |
| Package Quantity:        | 500          |