


**KEMET Part Number: CDR02BX103BK YR**  
(C1805P103K1XRC, C1805P103K1XRC-MilitaryBulk)

SMD Mil PRF55681, Ceramic, 0.01 uF, 10%, 100 VDC, BX, R (0.01%/1000 Hrs), 1805



| Dimensions |  |
|------------|--|
| Chip Size  | 1805                                       |
| L          | 4.57mm +/-0.38mm<br>(0.18 in +/-0.015 in)  |
| W          | 1.27mm +/-0.38mm<br>(0.05 in +/-0.015 in)  |
| T          | 0.98mm +/-0.42mm<br>(0.039 in +/-0.017 in) |
| B          | 0.51mm +/-0.25mm<br>(0.02 in +/-0.01 in)   |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 1         |

| General Information      |   |
|--------------------------|---|
| Series:                  | SMD Mil PRF55681  |
| Style:                   | SMD Chip  |
| RoHS:                    | No  |
| Prop 65:                 |  <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> . |
| REACH:                   | SVHC (Pb – CAS 7439-92-1)   |
| Termination:             | Tin   |
| Failure Rate:            | R (0.01%/1000 Hrs)  |
| Testing and Reliability: | MIL-PRF-55681   |
| Qualifications:          | MIL-PRF-55681   |

| Specifications           |            |
|--------------------------|------------|
| Capacitance:             | 0.01 uF    |
| Capacitance Tolerance:   | 10%        |
| Voltage DC:              | 100 VDC    |
| Temperature Range:       | -55/+125°C |
| Temperature Coefficient: | BX         |