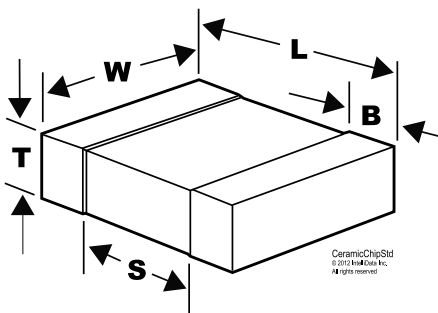


**KEMET Part Number: C0805X106J8RACTU**  
(C0805X106J8RAC7800)

SMD Comm X7R Flex, Ceramic, 10 uF, 5%, 10 V, 0805, X7R, SMD, MLCC, FT-CAP, Temperature Stable



**Dimensions**

|   |                  |
|---|------------------|
| L | 2mm +/-0.35mm    |
| W | 1.25mm +/-0.3mm  |
| T | 1.25mm +/-0.20mm |
| S | 0.75mm MIN       |
| B | 0.5mm +/-0.25mm  |

**Packaging Specifications**

|                     |                          |
|---------------------|--------------------------|
| Packaging:          | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 2500                     |

**General Information**

|                |                                                                          |
|----------------|--------------------------------------------------------------------------|
| Supplier:      | KEMET                                                                    |
| Series:        | SMD Comm X7R Flex                                                        |
| Style:         | SMD Chip                                                                 |
| 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:                     | 10 uF               |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 10 VDC              |
| Dielectric Withstanding Voltage: | 25 V                |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | X7R                 |
| Dissipation Factor:              | 10% 1kHz 25C        |
| Aging Rate:                      | 3% Loss/Decade Hour |
| Insulation Resistance:           | 10 MOhms            |