

KEMET Part Number: C0805X101KDRACTU
(C0805X101KDRAC7800)

SMD Comm X7R HV Flex, Ceramic, 100 pF, 10%, 1000 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 0805



Dimensions

| Dimensions | |
|------------|------------------|
| L | 2mm +/-0.3mm |
| W | 1.25mm +/-0.3mm |
| T | 1.25mm +/-0.15mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

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

General Information

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|-----------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm X7R HV Flex |
| Style: | SMD Chip |
| Description: | SMD, MLCC, FT-CAP, Temperature Stable |
| Features: | FT-CAP, Temperature Stable |
| RoHS: | Yes |
| Termination: | Flexible Termination |
| Marking: | No |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |
| Chip Size: | 0805 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

Specifications

| | |
|---|---------------------|
| Capacitance: | 100 pF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 1000 VDC |
| Dielectric Withstanding Voltage: | 1,200 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 2.50% 1kHz 25C |
| Aging Rate: | 3% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |