

KEMET Part Number: C1206X106M3RACTU
(C1206X106M3RAC7800)

SMD Comm X7R Flex, Ceramic, 10 uF, 20%, 25 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1206



Dimensions

| | |
|----------|-----------------|
| L | 3.3mm +/-0.4mm |
| W | 1.6mm +/-0.35mm |
| T | 1.6mm +/-0.35mm |
| B | 0.6mm +/-0.25mm |

Packaging Specifications

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|----------------------------|--------------------------|
| Packaging: | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 2000 |

General Information

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|-----------------------|--|
| Supplier: | KEMET |
| Series: | SMD Comm X7R 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 48 hours |
| Chip Size: | 1206 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

Specifications

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|---|---------------------|
| Capacitance: | 10 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 25 VDC |
| Dielectric Withstanding Voltage: | 62.5 VDC |
| Temperature Range: | -55/+125°C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 10.00% 1kHz 25C |
| Aging Rate: | 3% Loss/Decade Hour |
| Insulation Resistance: | 10 MOhms |