KEMET Part Number: C1206X105K5RACTU

(C1206X105K5RAC7800)



SMD Comm X7R Flex, Ceramic, 1 uF, 10%, 50 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1206



| Dimensions | | |
|------------|-----------------|--|
| L | 3.3mm +/-0.4mm | |
| W | 1.6mm +/-0.35mm | |
| Т | 1mm +/-0.20mm | |
| В | 0.6mm +/-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 | |
| 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: | 1206 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 1 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 50 VDC | |
| Dielectric Withstanding Voltage: | 125 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 500 MOhms | |

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