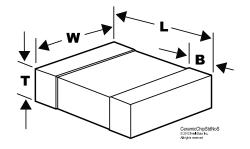
## KEMET Part Number: C1206X105K5RACTU

(C1206X105K5RAC7800, C1206X105K5RACTR)



## Ceramic, KEMET, FlexTerm-(CxxxxX), 1 uF, 10%, 50 V, 1206, X7R, SMD, MLCC, FT-CAP, Temp Stable



| General Information |  |
|---------------------|--|
| Style:              | SMD Chip   |
| Supplier:           | KEMET  |
| Series:             | FlexTerm-(CxxxxX)  |
| Chip Size:          | 1206   |
| Description:        | SMD, MLCC, FT-CAP, Temp<br>Stable  |
| RoHS:               | Yes  |
| Termination:        | Flexible Termination   |
| Marking:            | No   |
| Failure Rate:       | N/A  |
| Miscellaneous:      | Note: Referee time for X7R<br>dielectric for this part number is<br>1000 hours |

| 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                     |

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 1 uF                |
| Capacitance Tolerance:   | 10%                 |
| Voltage DC:              | 50 VDC              |
| Temperature Range:       | -55/+125C           |
| Temperature Coefficient: | X7R                 |
| Dissipation Factor:      | 2.5%                |
| Aging Rate:              | 3% Loss/Decade Hour |
| Insulation Resistance:   | 500 MOhms           |
| Dielectric Strength:     | 125 V               |

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