## KEMET Part Number: C1206C102KDRACTU

(C1206C102KDRAC7800, C1206C102KDRACTR)



## Ceramic, Commercial-(CxxxxC), 1000 pF, 10%, 1,000 V, 1206, X7R, SMD, MLCC, High Voltage, Temperature Stable



| General Information |  |
|---------------------|--|
| Style:              | SMD Chip   |
| Series:             | Commercial-(CxxxxC)  |
| Chip Size:          | 1206   |
| Description:        | SMD, MLCC, High Voltage,<br>Temperature Stable                                 |
| RoHS:               | Yes  |
| Termination:        | Tin  |
| Marking:            | No   |
| Failure Rate:       | N/A  |
| Miscellaneous:      | Note: Referee time for X7R<br>dielectric for this part number is<br>1000 hours |

| Dimensions |                 |
|------------|-----------------|
| L          | 3.2mm +/-0.2mm  |
| W          | 1.6mm +/-0.2mm  |
| Т          | 1mm +/-0.10mm   |
| В          | 0.5mm +/-0.25mm |

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

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 1000 pF             |
| Capacitance Tolerance:   | 10%                 |
| Voltage DC:              | 1000 VDC            |
| Temperature Range:       | -55/+125C           |
| Temperature Coefficient: | X7R                 |
| Dissipation Factor:      | 2.5%                |
| Aging Rate:              | 3% Loss/Decade Hour |
| Insulation Resistance:   | 100 GOhms           |
| Dielectric Strength:     | 1,200 V             |

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