

KEMET Part Number: C1210C102KGRACTU
(C1210C102KGRAC7800, C1210C102KGRAC7800, C1210C102KGRAC7800)

Ceramic, Commercial-(CxxxxC), 1000 pF, 10%, 2,000 V, 1210, X7R, SMD, MLCC, High Voltage, Temperature Stable



Dimensions

| | |
|----------|-----------------|
| L | 3.2mm +/-0.2mm |
| W | 2.5mm +/-0.2mm |
| T | 1.4mm +/-0.15mm |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

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

General Information

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|-----------------------|--|
| Style: | SMD Chip |
| Series: | Commercial-(CxxxxC) |
| Chip Size: | 1210 |
| Description: | SMD, MLCC, High Voltage, Temperature Stable |
| RoHS: | Yes |
| Termination: | Tin |
| Marking: | No |
| Failure Rate: | N/A |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |

Specifications

| | |
|---------------------------------|---------------------|
| Capacitance: | 1000 pF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 2000 VDC |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 2.5% |
| Aging Rate: | 3% Loss/Decade Hour |
| Insulation Resistance: | 100 GOhms |
| Dielectric Strength: | 2,400 V |