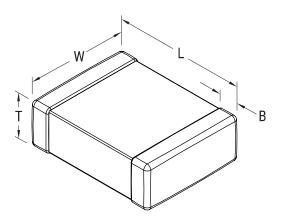
KEMET Part Number: C1210C823KBRACTU

(C1210C823KBRAC7800)



SMD Comm X7R HV, Ceramic, 0.082 uF, 10%, 630 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1210



| Dimensions | | |
|------------|-----------------|--|
| L | 3.2mm +/-0.2mm | |
| W | 2.5mm +/-0.2mm | |
| Т | 2.1mm +/-0.20mm | |
| В | 0.5mm +/-0.25mm | |

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

| General Information | | |
|---------------------|--|--|
| Supplier: | KEMET | |
| Series: | SMD Comm X7R HV | |
| Style: | SMD Chip | |
| Description: | SMD, MLCC, High Voltage, Temperature Stable | |
| Features: | High Voltage | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Marking: | No | |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours | |
| Chip Size: | 1210 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.082 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 630 VDC | |
| Dielectric Withstanding Voltage: | 945 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 1.22 GOhms | |

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