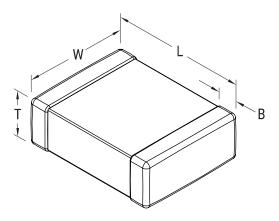
KEMET Part Number: C1812W104KDRACTU

(C1812W104KDRAC7800)



ArcShield SMD Comm X7R HV, Ceramic, Anti-Arcing, 0.1 uF, 10%, 1000 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 1812



| Dimensions | | |
|------------|-----------------|--|
| L | 4.5mm +/-0.4mm | |
| W | 3.2mm +/-0.3mm | |
| Т | 1.7mm +/-0.15mm | |
| В | 0.7mm +/-0.35mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging: | T&R, 180mm, Plastic Tape | |
| Packaging Quantity: | 1000 | |

| General Information | |
|---------------------|---|
| Supplier: | KEMET |
| Series: | ArcShield SMD Comm X7R HV |
| Style: | SMD Chip |
| Description: | SMD, MLCC, Arcshield, High Voltage |
| Features: | High Voltage |
| RoHS: | Yes |
| Termination: | Flexible Termination |
| Marking: | No |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours. X7R dielectric is not recommended for AC line filtering or pulse applications |
| Chip Size: | 1812 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 0.1 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 1000 VDC | |
| Dielectric Withstanding Voltage: | 1,200 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 1 GOhms | |

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