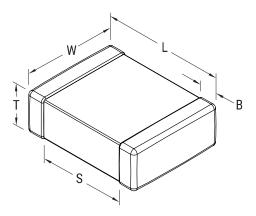
KEMET Part Number: C0805V472KDRACTU

(C0805V472KDRAC7800)



ArcShield SMD Comm X7R HV, Ceramic, 4700 pF, 10%, 1000 VDC, X7R, SMD, MLCC, ArcShield, High Voltage, Temperature Stable, 0805



| Dimensions | |
|------------|------------------|
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| Т | 1.25mm +/-0.15mm |
| S | 0.75mm MIN |
| В | 0.5mm +/-0.25mm |

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

| General Information | |
|---------------------|---|
| Supplier: | KEMET |
| Series: | ArcShield SMD Comm X7R HV |
| Style: | SMD Chip |
| Description: | SMD, MLCC, ArcShield, High Voltage, Temperature Stable |
| Features: | High Voltage, Temperature Stable |
| RoHS: | Yes |
| Termination: | Tin |
| 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: | 0805 |
| Shelf Life: | 78 Weeks |
| MSL: | 1 |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 4700 pF | |
| Capacitance Tolerance: | 10% | |
| Voltage DC: | 1000 VDC | |
| Dielectric Withstanding Voltage: | 1200 VDC | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | X7R | |
| Dissipation Factor: | 2.50% 1kHz 25C | |
| Aging Rate: | 3% Loss/Decade Hour | |
| Insulation Resistance: | 10 GOhms | |

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