

KEMET Part Number: C1808V223KDRACTU
(C1808V223KDRAC7800, C1808V223KDRACTR)

Ceramic, Anti-Arcing, KEMET, ArcShield-(CxxxxV), 0.022 uF, 10%, 1,000 V, 1808, X7R, SMD, MLCC, Arcshield, High Voltage, Temp Stable



Dimensions

| | |
|----------|-----------------|
| L | 4.7mm +/-0.5mm |
| W | 2mm +/-0.2mm |
| T | 1mm +/-0.10mm |
| B | 0.6mm +/-0.35mm |

Packaging Specifications

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

General Information

| | |
|-----------------------|---|
| Style: | SMD Chip |
| Supplier: | KEMET |
| Series: | ArcShield-(CxxxxV) |
| Chip Size: | 1808 |
| Description: | SMD, MLCC, Arcshield, High Voltage, Temp 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. X7R dielectric is not recommended for AC line filtering or pulse applications |

Specifications

| | |
|---------------------------------|---------------------|
| Capacitance: | 0.022 uF |
| 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: | 4.55 GOhms |
| Dielectric Strength: | 1,200 V |