

C1210W104KCRCTU

Aliases (C1210W104KCRAC7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.1 uF, 10%, 500 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 1210



Click [here](#) for the 3D model.

Dimensions

| | |
|-----------|-----------------|
| Chip Size | 1210 |
| L | 3.3mm +/-0.4mm |
| W | 2.6mm +/-0.3mm |
| T | 2.1mm +/-0.20mm |
| B | 0.6mm +/-0.25mm |

Packaging Specifications

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

General Information

| | |
|------------------|--|
| 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 |
| AEC-Q200 | No |
| Component Weight | 105 mg |
| Miscellaneous | X7R dielectric is not recommended for AC line filtering or pulse applications. |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Specifications

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|--|---|
| Capacitance | 0.1 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 1 GOhms |

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