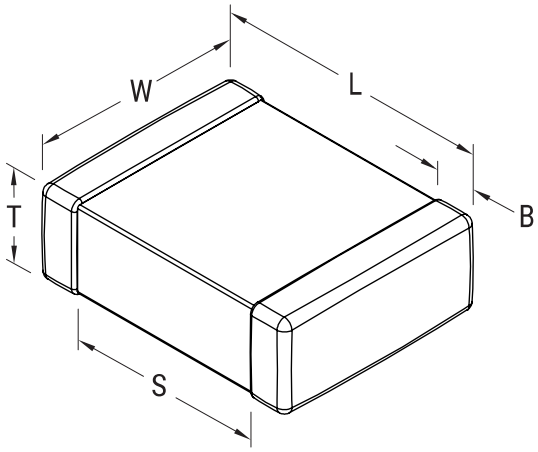
# C1210Y183MDRACTM

Aliases (C1210Y183MDRAC7025)

SMD Comm X7R HV FF, Ceramic, 0.018 uF, 20%, 1,000 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, High Voltage, 1210 / 3225




Click here for the 3D model.

| General Information | |
|---|---|
| Series | SMD Comm X7R HV FF |
| Style | SMD Chip |
| Description | SMD, MLCC, FF-CAP, Floating Electrode, High Voltage |
| Features | FF-CAP, Floating Electrode, High Voltage |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | Yes |
| Typical Component Weight | 65 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|---|---|
| L | 3.3mm +/-0.4mm |
| W | 2.6mm +/-0.3mm |
| T | 1.4mm +/-0.15mm |
| S | 1.5mm MIN |
| B | 0.6mm +/-0.25mm |
| Case Code (EIA / mm) | 1210 / 3225 |

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

| Specifications | |
|---|---|
| Capacitance | 0.018 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 20% |
| Voltage DC | 1000 VDC |
| Dielectric Withstanding Voltage | 1,200 VDC |
| Temperature Range | -55/+125°C |
| Temp. 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 | 55.5556 GOhms |

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