

CAS21C181KARFC

CAS SMD SFTY 250, Ceramic, 180 pF, 10%, X7R, Industrial Grade, Safety MLCC, X1/Y2, 2220



Click here for the 3D model.

| Dimensions | |
|------------|----------------|
| Chip Size | 2220 |
| L | 5.7mm +/-0.4mm |
| W | 5mm +/-0.4mm |
| Т | 2mm +/-0.2mm |
| S | 4mm MIN |
| В | 0.6mm +/-0.3mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | T&R |
| Packaging Quantity | 1000 |

| General Information | |
|---------------------|-------------------------------|
| Series | CAS SMD SFTY 250 |
| Style | SMD Chip |
| Description | Industrial Grade, Safety MLCC |
| RoHS | Yes |
| Termination | Tin |
| Safety Class | X1/Y2 |
| Qualifications | ENEC, UL, IEC |
| AEC-Q200 | No |
| Halogen Free | Yes |

| Specifications | |
|--|-------------------------------|
| Capacitance | 180 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage AC | 250 VAC (X1), 250 VAC (Y2) |
| 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 |
| Insulation Resistance | 10 GOhms |

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