

C0805C152K5RAC7210

SMD Comm X7R, Ceramic, 1500 pF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0805



Click here for the 3D model.

| Dimensions | | |
|------------|------------------|--|
| Chip Size | 0805 | |
| L | 2mm +/-0.2mm | |
| W | 1.25mm +/-0.2mm | |
| Т | 0.78mm +/-0.10mm | |
| S | 0.75mm MIN | |
| В | 0.5mm +/-0.25mm | |

| Packaging Specifications | | |
|--------------------------|------------------------|--|
| Packaging | T&R, 330mm, Paper Tape | |
| Packaging Quantity | 15000 | |

| General Information | |
|---------------------|-----------------------------------------|
| Series | SMD Comm X7R |
| Style | SMD Chip |
| Description | SMD, MLCC, Temperature Stable, Class II |
| Features | Temperature Stable, Class II |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| AEC-Q200 | No |
| Component Weight | 11 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | | | |
|-----------------------------------------------------------------------|----------------------------------------------------|--|--|
| Capacitance | 1500 pF | | |
| Measurement Condition | 1 kHz 1.0Vrms | | |
| Capacitance Tolerance | 10% | | |
| Voltage DC | 50 VDC | | |
| Dielectric Withstanding Voltage | 125 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 | 100 GOhms | | |

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