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#### General Information

|                          |  |
|--------------------------|--|
| Series                   | KONNEKT Comm X7R                           |
| Style                    | KONNEKT                                    |
| Description              | SMD, MLCC, KONNEKT, Ultra-Stable, Class II |
| Features                 | High Density Packaging                     |
| RoHS                     | Yes  |
| Termination              | Flexible Termination                       |
| AEC-Q200                 | No   |
| Typical Component Weight | 470 mg                                     |
| Chip Size                | 2220-2                                     |
| Shelf Life               | 78 Weeks                                   |
| MSL                      | 1  |

#### Specifications

|  |                     |
|--|---------------------|
| Capacitance  | 2 uF                |
| Measurement Condition  | 120 Hz 0.5Vrms      |
| Tolerance  | 20%                 |
| Voltage DC   | 200 VDC             |
| Dielectric Withstanding Voltage                                    | 500 VDC             |
| Temperature Range  | -55/+125°C          |
| Temp. Coefficient  | X7R                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 120Hz 0.5Vrms  |
| Dissipation Factor   | 2.5% 120 Hz 0.5Vrms |
| Aging Rate   | 3% Loss/Decade Hour |
| Insulation Resistance  | 500 MOhms           |

#### Dimensions

|   |                 |
|---|-----------------|
| L | 5.9mm +/-0.75mm |
| W | 5mm +/-0.4mm    |
| T | 3.1mm +/-0.3mm  |
| B | 0.7mm +/-0.35mm |

#### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 500                      |

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