

SMD Comm X7R SnPb, Ceramic, 4.7 uF, 10%, 25 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 1210



| Dimensions |                  |
|------------|------------------|
| Chip Size  | 1210             |
| L          | 3.2mm +/-0.2mm   |
| W          | 2.5mm +/-0.2mm   |
| T          | 1.25mm +/-0.15mm |
| B          | 0.5mm +/-0.25mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 1         |

| General Information |   |
|---------------------|---|
| Series:             | SMD Comm X7R SnPb   |
| Style:              | SMD Chip  |
| Description:        | SMD, MLCC, Temperature Stable, SnPb Termination   |
| Features:           | SnPb Termination  |
| RoHS:               | No  |
| Prop 65:            | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> . |
| SCIP Number:        | 5549986b-60cf-4a2a-afbb-4ad1d7a11dcb  |
| Termination:        | Lead (SnPb)   |
| Marking:            | No  |
| AEC-Q200:           | No  |
| Component Weight:   | 65 mg   |
| Shelf Life:         | 78 Weeks  |
| MSL:                | 1   |

| Specifications  |   |
|---|---|
| Capacitance:  | 4.7 uF  |
| Measurement Condition:  | 1 kHz 1.0Vrms                                   |
| Capacitance Tolerance:  | 10%   |
| Voltage DC:   | 25 VDC  |
| Dielectric Withstanding Voltage:                                    | 62.5 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:   | 3.5% 1 kHz 1.0Vrms                              |
| Aging Rate:   | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance:  | 106.4 MOhms                                     |

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