

Ceramic, 175C, 175C-(CxxxxC), 0.68 uF, 10%, 25 V, 0805, X7R, SMD, MLCC, High Temperature, FT-Cap



| Dimensions | |
|------------|------------------|
| L | 2mm +/-0.3mm |
| W | 1.25mm +/-0.3mm |
| T | 1.25mm +/-0.15mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

| Packaging Specifications | |
|--------------------------|----------|
| Packaging: | Cut Reel |
| Packaging Quantity: | 250 |

| General Information | |
|---------------------|--|
| Style: | SMD Chip |
| Series: | 175C-(CxxxxC) |
| Chip Size: | 0805 |
| Description: | SMD, MLCC, High Temperature, FT-Cap |
| Features: | FT-CAP, High Temperature |
| RoHS: | Yes |
| Termination: | Flexible Termination |
| Marking: | No |
| Failure Rate: | N/A |
| Miscellaneous: | Note: Referee time for X7R dielectric for this part number is 1000 hours |

| Specifications | |
|--------------------------|---------------------|
| Capacitance: | 0.68 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 25 VDC |
| Temperature Range: | -55/+175C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 3.5% |
| Aging Rate: | 3% Loss/Decade Hour |
| Insulation Resistance: | 740 MOhms |
| Dielectric Strength: | 62.5 V |