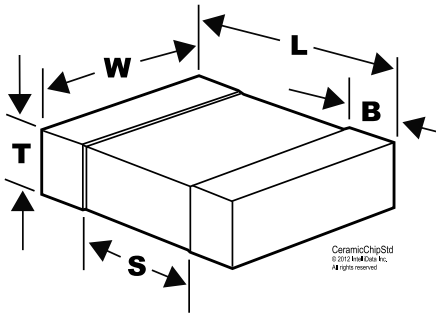


Ceramic, AUTO-FlexTerm-(CxxxxX-AUTO), 270 pF, 5%, 250 V, 0603, C0G, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade



| Dimensions |                  |
|------------|------------------|
| L          | 1.6mm +/-0.17mm  |
| W          | 0.8mm +/-0.15mm  |
| T          | 0.8mm +/-0.15mm  |
| S          | 0.58mm MIN       |
| B          | 0.45mm +/-0.15mm |

| Packaging Specifications |                        |
|--------------------------|------------------------|
| Packaging:               | T&R, 180mm, Paper Tape |
| Packaging Quantity:      | 4000                   |

| General Information |   |
|---------------------|---|
| Style:              | SMD Chip  |
| Series:             | AUTO-FlexTerm-(CxxxxX-AUTO)                       |
| Chip Size:          | 0603  |
| Description:        | SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade |
| Features:           | FT-CAP, Ultra-Stable, Automotive Grade            |
| RoHS:               | Yes   |
| Termination:        | Flexible Termination                              |
| Marking:            | No  |
| Failure Rate:       | N/A   |
| Approvals:          | AEC-Q200  |
| AEC-Q200:           | Yes   |

| Specifications                   |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 270 pF              |
| Capacitance Tolerance:           | 5%                  |
| Voltage DC:                      | 250 VDC             |
| Dielectric Withstanding Voltage: | 625 V               |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | C0G                 |
| Dissipation Factor:              | 0.1%                |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 100 GOhms           |