

Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade, 18 pF, +/-5% Tol, 25V, COG, 0603 (1608 metric)



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 1.60      | +/-0.15   |
| W               | 0.80      | +/-0.15   |
| T               | 0.80      | +/-0.07   |
| B               | 0.35      | +/-0.15   |
| S               | 0.7       | MIN       |

| Packaging Specifications |            |
|--------------------------|------------|
| Package Kind:            | T&R        |
| Package Size:            | 7in        |
| Package Type:            | Paper Tape |
| Package Quantity:        | 4000       |

| General Information    |   |
|------------------------|---|
| Supplier:              | KEMET   |
| Part Type Description: | SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade |

| Specifications           |                          |
|--------------------------|--------------------------|
| Capacitance:             | 18 pF                    |
| Chip Size:               | 0603 (1608 metric)       |
| Voltage:                 | 25V                      |
| Temperature Coefficient: | COG                      |
| Tolerance:               | +/-5%                    |
| Application:             | Automotive/Standard Chip |
| Termination Type:        | Tin (Sn)                 |
| Marked:                  | No                       |
| Temperature Range:       | -55/+125C                |
| Dissipation Factor:      | 0.1%                     |
| Aging Rate:              | 0% loss/decade hour      |
| Insulation Resistance:   | 100 GOhm                 |
| Dielectric Strength:     | 62.5V                    |