

Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade, 1800 pF, +/-5% Tol, 200 V, C0G, 0805 (2012 metric)



## General Information

|                          |   |
|--------------------------|---|
| Supplier:                | KEMET   |
| Application:             | Automotive (AEC-Q200 Qualified)               |
| Chip Size:               | 0805 (2012 metric)                            |
| Temperature Coefficient: | C0G   |
| Part Type Description:   | SMD, MLCC, Ultra-Stable, Low Loss, Auto Grade |
| Termination Type:        | Tin (Sn)                                      |
| Marked:                  | No  |
| RoHS:                    | Yes   |

## Dimensions (mm)

| Symbol | Dimension | Tolerance |
|--------|-----------|-----------|
| L      | 2         | +/-0.2    |
| W      | 1.25      | +/-0.2    |
| T      | 0.78      | +/-0.10   |
| B      | 0.5       | +/-0.25   |
| S      | 0.75      | MIN       |

## Packaging Specifications

|                   |              |
|-------------------|--------------|
| Package Kind:     | T&R          |
| Package Size:     | 7 in/180 mm  |
| Package Type:     | Plastic Tape |
| Package Quantity: | 4000         |

## Specifications

|                        |                     |
|------------------------|---------------------|
| Capacitance:           | 1800 pF             |
| Voltage:               | 200 V               |
| Tolerance:             | +/-5%               |
| Temperature Range:     | -55/+125C           |
| Dissipation Factor:    | 0.1%                |
| Failure Rate:          | N/A                 |
| Aging Rate:            | 0% loss/decade hour |
| Insulation Resistance: | 100 GOhm            |
| Dielectric Strength:   | 500 V               |