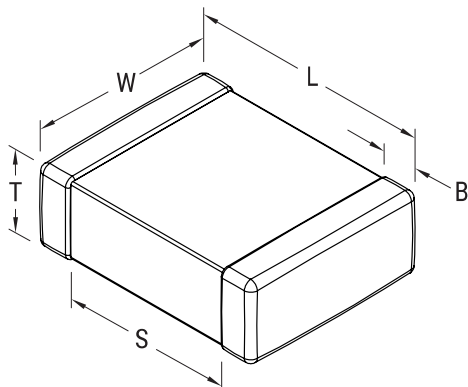


SMD Auto COG Flex, Ceramic, 47 pF, 5%, 25 VDC, COG, SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade, 0603

**Dimensions**

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

**Packaging Specifications**

|                            |                        |
|----------------------------|------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Paper Tape |
| <b>Packaging Quantity:</b> | 4000                   |

**General Information**

|                        |                                                   |
|------------------------|---------------------------------------------------|
| <b>Supplier:</b>       | KEMET                                             |
| <b>Series:</b>         | SMD Auto COG Flex                                 |
| <b>Style:</b>          | SMD Chip                                          |
| <b>Description:</b>    | SMD, MLCC, FT-CAP, Ultra-Stable, Automotive Grade |
| <b>Features:</b>       | FT-CAP, Ultra-Stable, Automotive Grade            |
| <b>RoHS:</b>           | Yes                                               |
| <b>Termination:</b>    | Flexible Termination                              |
| <b>Marking:</b>        | No                                                |
| <b>Qualifications:</b> | AEC-Q200                                          |
| <b>AEC-Q200:</b>       | Yes                                               |
| <b>Chip Size:</b>      | 0603                                              |

**Specifications**

|                                         |                     |
|-----------------------------------------|---------------------|
| <b>Capacitance:</b>                     | 47 pF               |
| <b>Capacitance Tolerance:</b>           | 5%                  |
| <b>Voltage DC:</b>                      | 25 VDC              |
| <b>Dielectric Withstanding Voltage:</b> | 62.5 V              |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | COG                 |
| <b>Dissipation Factor:</b>              | 0.10% 1MHz 25C      |
| <b>Aging Rate:</b>                      | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 100 GOhms           |