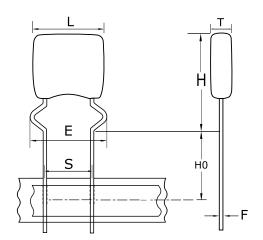




GoldMax 300 Comm COG, Ceramic, 18 pF, 5%, 200 VDC, COG, GoldMax, Commercial Standard, 2.54 mm



| General Information |                              |
|---------------------|------------------------------|
| Series              | GoldMax 300 Comm COG         |
| Style               | Radial                       |
| Description         | GoldMax, Commercial Standard |
| RoHS                | Yes                          |
| Termination         | Tin                          |
| Lead                | Crimped Out                  |
| Failure Rate        | N/A                          |
| AEC-Q200            | No                           |
| Halogen Free        | Yes                          |

| Dimensions |                      |
|------------|----------------------|
| L          | 3.81mm MAX           |
| Н          | 5.84mm MAX           |
| Т          | 2.54mm MAX           |
| S          | 2.54mm +/-0.78mm     |
| НО         | 16mm +/-0.5mm        |
| F          | 0.51mm +0.1/-0.025mm |
| Е          | 5.08mm NOM           |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 305mm |
| Packaging Quantity       | 2500       |

| Specifications   |                       |
|--|-----------------------|
| Capacitance  | 18 pF                 |
| Measurement Condition  | 1 MHz 1.0Vrms         |
| Tolerance  | 5%                    |
| Voltage DC   | 200 VDC               |
| Dielectric Withstanding Voltage  | 500 VDC               |
| Temperature Range  | -55/+125°C            |
| Temp. Coefficient  | COG                   |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 30PPM/C, 1MHz 1.0Vrms |
| Dissipation Factor   | 0.1% 1 MHz 1.0Vrms    |
| Aging Rate   | 0% Loss/Decade Hour   |
| Insulation Resistance  | 100 GOhms             |

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