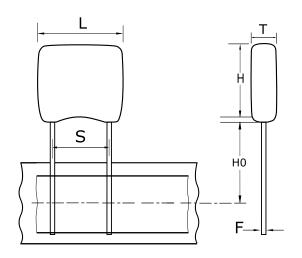




GoldMax 300 Comm Z5U, Ceramic, 0.047 uF, 20%, 50 VDC, Z5U, GoldMax, Commercial Standard, 2.54 mm



| General Information |                              |
|---------------------|------------------------------|
| Series              | GoldMax 300 Comm Z5U         |
| Style               | Radial                       |
| Description         | GoldMax, Commercial Standard |
| RoHS                | Yes                          |
| Termination         | Tin                          |
| Lead                | Wire Leads                   |
| Failure Rate        | N/A                          |
| AEC-Q200            | No                           |
| Halogen Free        | Yes                          |

Click here for the 3D model.

| Dimensions |                      |
|------------|----------------------|
| L          | 3.81mm MAX           |
| Н          | 3.14mm MAX           |
| Т          | 2.54mm MAX           |
| S          | 2.54mm +/-0.78mm     |
| НО         | 16mm +/-0.5mm        |
| F          | 0.51mm +0.1/-0.025mm |
|            |                      |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Ammo |
| Packaging Quantity       | 2500 |

| Specifications                                                           |                          |
|--------------------------------------------------------------------------|--------------------------|
| Capacitance                                                              | 0.047 uF                 |
| Measurement Condition                                                    | 1 kHz 1.0Vrms            |
| Tolerance                                                                | 20%                      |
| Voltage DC                                                               | 50 VDC                   |
| Dielectric Withstanding Voltage                                          | 125 VDC                  |
| Temperature Range                                                        | +10/+85°C                |
| Temp. Coefficient                                                        | Z5U                      |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | '+22%/-56%, 1kHz 1.0Vrms |
| Dissipation Factor                                                       | 4%1kHz1.0Vrms            |
| Aging Rate                                                               | 7% Loss/Decade Hour      |
| Insulation Resistance                                                    | 2.13 GOhms               |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 09/08/2025 © 2006 - 2025 YAGEO