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| General Information |                              |
|---------------------|------------------------------|
| Series              | GoldMax 300 Comm X7R         |
| Style               | Radial                       |
| Description         | GoldMax, Commercial Standard |
| RoHS                | Yes                          |
| Termination         | Tin                          |
| Lead                | Wire Leads                   |
| Failure Rate        | N/A                          |
| Halogen Free        | Yes                          |

| Dimensions |                      |
|------------|----------------------|
| L          | 7.36mm MAX           |
| H          | 10.16mm MAX          |
| T          | 4.07mm MAX           |
| S          | 5.08mm +/-0.78mm     |
| H0         | 18mm MIN             |
| F          | 0.51mm +0.1/-0.025mm |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, 305mm |
| Packaging Quantity       | 1000       |

| Specifications   |                     |
|--|---------------------|
| Capacitance  | 1 uF                |
| Measurement Condition  | 1 kHz 1.0Vrms       |
| Tolerance  | 5%                  |
| Voltage DC   | 100 VDC             |
| Dielectric Withstanding Voltage                                    | 250 VDC             |
| Temperature Range  | -55/+125°C          |
| Temp. Coefficient  | X7R                 |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 0.15, 1kHz 1.0Vrms  |
| Dissipation Factor   | 2.5% 1 kHz 1.0Vrms  |
| Aging Rate   | 3% Loss/Decade Hour |
| Insulation Resistance  | 1 GOhms             |

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