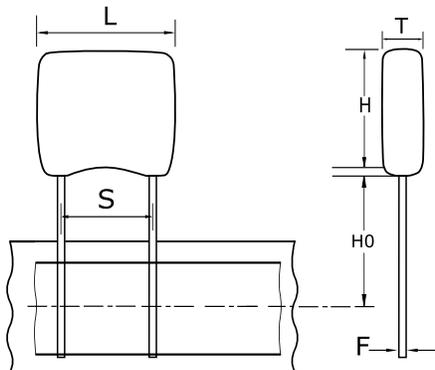


Ceramic, GoldMax, 1000 pF, 5%, 25 V, X8R, GoldMax, Automotive Grade, Lead Spacing = 2.54mm



| General Information |                           |
|---------------------|---------------------------|
| Style:              | Radial                    |
| Series:             | GoldMax                   |
| Description:        | GoldMax, Automotive Grade |
| Features:           | Automotive Grade          |
| RoHS:               | Yes                       |
| Termination:        | Tin                       |
| Failure Rate:       | N/A                       |
| Approvals:          | AEC-Q200                  |
| AEC-Q200:           | Yes                       |
| Halogen Free:       | Yes                       |

| Dimensions |                      |
|------------|----------------------|
| L          | 3.81mm MAX           |
| H          | 3.14mm MAX           |
| T          | 2.54mm MAX           |
| S          | 2.54mm +/-0.78mm     |
| H0         | 16mm +/-0.5mm        |
| F          | 0.51mm +0.1/-0.025mm |

| Specifications           |                     |
|--------------------------|---------------------|
| Capacitance:             | 1000 pF             |
| Capacitance Tolerance:   | 5%                  |
| Voltage DC:              | 25 VDC              |
| Temperature Range:       | -55/+150C           |
| Temperature Coefficient: | X8R                 |
| Dissipation Factor:      | 2.5% 25C            |
| Aging Rate:              | 0% Loss/Decade Hour |
| Insulation Resistance:   | 100 GOhms           |
| Dielectric Strength:     | 62.5 V              |

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