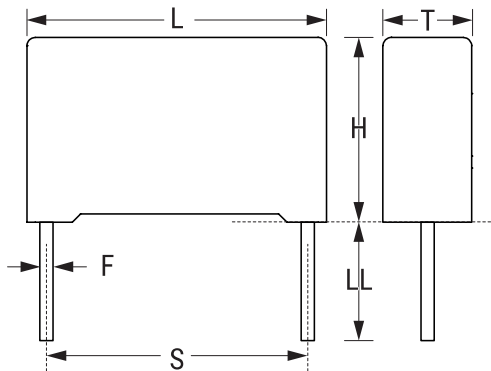


R76\_125C, Film, Double Metallized Polypropylene, General Purpose, 1000 pF, 5%, 2000 VDC, 105°C, Lead Spacing = 15mm



**Dimensions**

|    |                 |
|----|-----------------|
| L  | 18mm +0.3mm     |
| H  | 10mm +0.1mm     |
| T  | 4mm +0.2mm      |
| S  | 15mm +/-0.4mm   |
| LL | 25mm +2/-1mm    |
| F  | 0.8mm +/-0.05mm |

**Packaging Specifications**

|            |           |
|------------|-----------|
| Packaging: | Bulk, Bag |
|------------|-----------|

**General Information**

|                 |                                 |
|-----------------|---------------------------------|
| Series:         | R76_125C                        |
| Dielectric:     | Double Metallized Polypropylene |
| Style:          | Radial                          |
| Features:       | Automotive Grade, Pulse         |
| RoHS:           | Yes                             |
| Lead:           | Wire Leads                      |
| Qualifications: | AEC-Q200                        |
| AEC-Q200:       | Yes                             |

**Specifications**

|                        |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 1000 pF                               |
| Capacitance Tolerance: | 5%                                    |
| Voltage AC:            | 700 VAC                               |
| Voltage DC:            | 2000 VDC                              |
| Temperature Range:     | -55/+125°C                            |
| Rated Temperature:     | 105°C                                 |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz  |
| Insulation Resistance: | 100 GOhms                             |
| Max dV/dt:             | 9500 V/us                             |
| Resistance:            | 1909.86 mOhms (25kHz)                 |
| Ripple Current:        | 0.11 Amps (25kHz 60C), 10 Amps (Peak) |
| Inductance:            | 10 nH                                 |