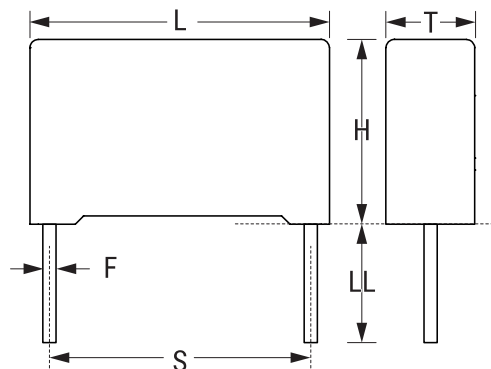


R76\_125C, Film, Double Metallized Polypropylene, General Purpose, 0.082 uF, 5%, 1000 VDC, 105°C, Lead Spacing = 22.5mm

**Dimensions**

|    |                 |
|----|-----------------|
| L  | 26.5mm +0.3mm   |
| H  | 18.5mm +0.1mm   |
| T  | 10mm +0.2mm     |
| S  | 22.5mm +/-0.4mm |
| LL | 25mm +2/-1mm    |
| F  | 0.8mm +/-0.05mm |

**Packaging Specifications**

|                     |           |
|---------------------|-----------|
| Packaging:          | Bulk, Bag |
| Packaging Quantity: | 300       |

**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:           | 0.082 uF                             |
| Capacitance Tolerance: | 5%                                   |
| Voltage AC:            | 600 VAC                              |
| Voltage DC:            | 1000 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:             | 2100 V/us                            |
| Resistance:            | 31.05 mOhms (25kHz)                  |
| Ripple Current:        | 6 Amps (25kHz 60C), 172 Amps (Peak)  |
| Inductance:            | 16 nH                                |