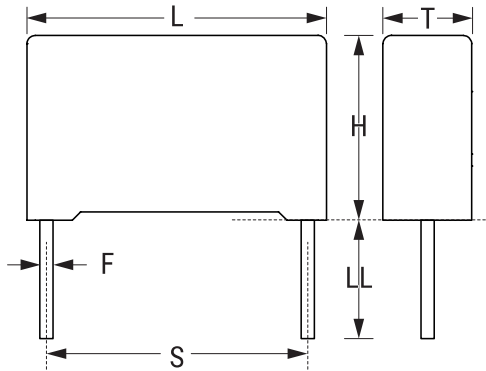


R76\_125C, Film, Double Metallized Polypropylene, General Purpose, 1.2 uF, 5%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



| 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                             |

| Dimensions |                 |
|------------|-----------------|
| L          | 41.5mm +0.3mm   |
| H          | 44mm +0.1mm     |
| T          | 24mm +0.3mm     |
| S          | 37.5mm +/-0.4mm |
| LL         | 25mm +2/-1mm    |
| F          | 1mm +/-0.05mm   |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | Tray |
| Packaging Quantity:      | 72   |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 1.2 uF                                  |
| Capacitance Tolerance: | 5%                                      |
| Voltage AC:            | 600 VAC                                 |
| Voltage DC:            | 1000 VDC                                |
| Temperature Range:     | -55/+125°C                              |
| Rated Temperature:     | 105°C                                   |
| Dissipation Factor:    | 0.04% 1kHz                              |
| Insulation Resistance: | 25 GOhms                                |
| Max dV/dt:             | 500 V/us                                |
| Resistance:            | 3.18 mOhms (25kHz)                      |
| Ripple Current:        | 27.01 Amps (25kHz 60C), 600 Amps (Peak) |
| Inductance:            | 20 nH                                   |