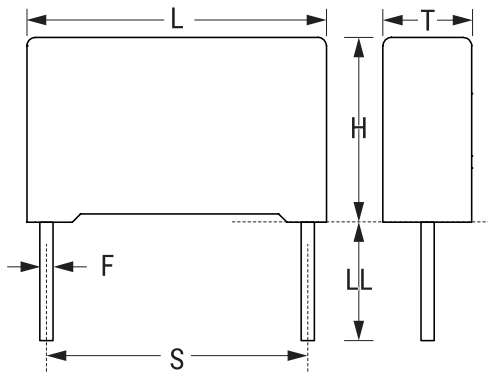


R76\_125C, Film, Double Metallized Polypropylene, General Purpose, 0.12 uF, 5%, 1600 VDC, 105°C, Lead Spacing = 27.5mm



| 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          | 32mm +0.3mm     |
| H          | 22mm +0.1mm     |
| T          | 13mm +0.2mm     |
| S          | 27.5mm +/-0.4mm |
| LL         | 25mm +2/-1mm    |
| F          | 0.8mm +/-0.05mm |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 0.12 uF                               |
| Capacitance Tolerance: | 5%                                    |
| Voltage AC:            | 650 VAC                               |
| Voltage DC:            | 1600 VDC                              |
| Temperature Range:     | -55/+125°C                            |
| Rated Temperature:     | 105°C                                 |
| Dissipation Factor:    | 0.03% 1kHz, 0.06% 10kHz               |
| Insulation Resistance: | 100 GOhms                             |
| Max dV/dt:             | 2000 V/us                             |
| Resistance:            | 26.53 mOhms (25kHz)                   |
| Ripple Current:        | 7.2 Amps (25kHz 60C), 240 Amps (Peak) |
| Inductance:            | 18 nH                                 |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | Tray |
| Packaging Quantity:      | 288  |