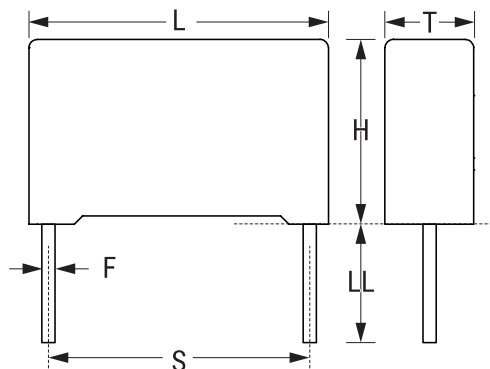


R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.022 uF, 5%, 630 VDC, 85°C, Lead Spacing = 15mm



#### General Information

|                 |                                 |
|-----------------|---------------------------------|
| Supplier:       | KEMET                           |
| Series:         | R76                             |
| Dielectric:     | Double Metallized Polypropylene |
| Style:          | Radial                          |
| Features:       | Automotive Grade, Pulse         |
| RoHS:           | Yes                             |
| Lead:           | Wire Leads                      |
| Qualifications: | AEC-Q200                        |
| AEC-Q200:       | Yes                             |

#### Dimensions

|    |                 |
|----|-----------------|
| L  | 18mm +0.3mm     |
| H  | 11mm +0.1mm     |
| T  | 5mm +0.2mm      |
| S  | 15mm +/-0.4mm   |
| LL | 30mm +5mm       |
| F  | 0.8mm +/-0.05mm |

#### Packaging Specifications

|                     |           |
|---------------------|-----------|
| Packaging:          | Bulk, Bag |
| Packaging Quantity: | 1000      |

#### Specifications

|                        |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 0.022 uF                              |
| Capacitance Tolerance: | 5%                                    |
| Voltage AC:            | 400 VAC                               |
| Voltage DC:            | 630 VDC                               |
| Temperature Range:     | -55/+110°C                            |
| Rated Temperature:     | 85°C                                  |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz, 0.10% 100kHz |
| Insulation Resistance: | 100 GOhms                             |
| Max dV/dt:             | 3000 V/us                             |
| Resistance:            | 86.81 mOhms (25kHz)                   |
| Ripple Current:        | 1.38 Amps (25kHz 60C), 55 Amps (Peak) |
| Inductance:            | 10 nH                                 |