



Click [here](#) for the 3D model.

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 16mm +0.1/-0.5mm   |
| T  | 7mm +0.2/-0.5mm    |
| S  | 22.5mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 380                     |

### General Information

|                  |                                 |
|------------------|---------------------------------|
| Series           | R76                             |
| Dielectric       | Double Metallized Polypropylene |
| Style            | Radial                          |
| Features         | Automotive Grade, Pulse         |
| RoHS             | Yes                             |
| Lead             | Wire Leads                      |
| Qualifications   | AEC-Q200                        |
| AEC-Q200         | Yes                             |
| Component Weight | 3.5 g                           |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.12 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, 0.06% 10kHz                |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 1500 V/us                              |
| Resistance            | 19.89 mOhms (100kHz)                   |
| Ripple Current        | 4.9 Amps (100kHz 85C), 180 Amps (Peak) |
| Inductance            | 16 nH                                  |