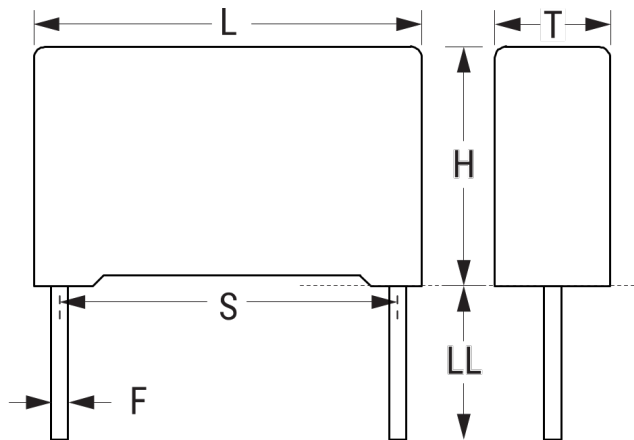


## R76T115604030J

Aliases (76T115604030J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 5600 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| LL | 30mm +5mm        |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

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

### 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                             |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 5600 pF                               |
| Capacitance Tolerance | 5%                                    |
| Voltage AC            | 650 VAC                               |
| Voltage DC            | 1600 VDC                              |
| Temperature Range     | -55/+110°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz  |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 6000 V/us                             |
| Resistance            | 113.68 mOhms (100kHz)                 |
| Ripple Current        | 1.7 Amps (100kHz 85C), 34 Amps (Peak) |
| Inductance            | 10 nH                                 |