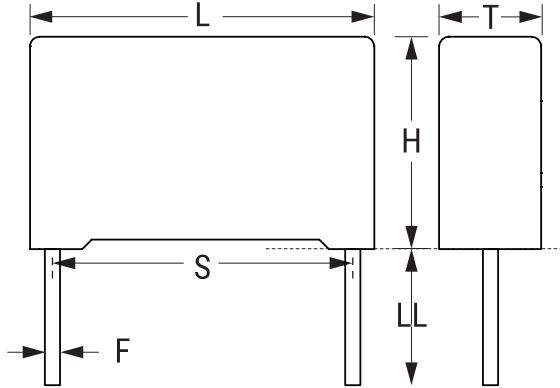


## R76PI239050H3J

Aliases (76PI239050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.039 uF, 5%, 630 VDC, 105°C, 15 mm



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

### General Information

|                          |                                 |
|--------------------------|---------------------------------|
| Series                   | R76H                            |
| Dielectric               | Double Metallized Polypropylene |
| Style                    | Radial                          |
| Features                 | Automotive Grade, Pulse         |
| RoHS                     | Yes                             |
| Termination              | Tinned Wire                     |
| Lead                     | Wire Leads                      |
| Qualifications           | AEC-Q200                        |
| Typical Component Weight | 1.98 g                          |

### Specifications

|                       |                                         |
|-----------------------|-----------------------------------------|
| Capacitance           | 0.039 uF                                |
| Tolerance             | 5%                                      |
| Voltage DC            | 630 VDC                                 |
| Voltage AC            | 400 VAC                                 |
| Temperature Range     | -55/+125°C                              |
| Rated Temperature     | 105°C                                   |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz    |
| Insulation Resistance | 100 GOhms                               |
| Max dV/dt             | 3,000 V/us                              |
| ESR                   | 16.32 mOhms (100kHz)                    |
| Ripple Current        | 4.1 Amps (100kHz 100C), 117 Amps (Peak) |
| Inductance            | 10 nH                                   |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 12mm +0.1/-0.5mm |
| T  | 6mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 900       |

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