

## R76QF147050H3J

Aliases (76QF147050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 4700 pF, 5%, 1000 VDC, 105°C, Lead Spacing = 10mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 13mm +0.2/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1500      |

### General Information

|                  |                                 |
|------------------|---------------------------------|
| Series           | R76H                            |
| Dielectric       | Double Metallized Polypropylene |
| Style            | Radial                          |
| Features         | Automotive Grade, Pulse         |
| RoHS             | Yes                             |
| Lead             | Wire Leads                      |
| Qualifications   | AEC-Q200                        |
| AEC-Q200         | Yes                             |
| THB Performance  | Yes                             |
| Component Weight | 1.1g                            |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 4700 pF                                 |
| Capacitance Tolerance | 5%                                      |
| Voltage AC            | 600 VAC                                 |
| Voltage DC            | 1000 VDC                                |
| 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             | 6500 V/us                               |
| Resistance            | 135.45 mOhms (100kHz)                   |
| Ripple Current        | 1.28 Amps (100kHz 100C), 31 Amps (Peak) |
| Inductance            | 9 nH                                    |