

## R76MN33905050J

Aliases (76MN33905050J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.39 uF, 5%, 400 VDC, 85°C, Lead Spacing = 22.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 17mm +0.1/-0.5mm   |
| T  | 8.5mm +0.2/-0.5mm  |
| S  | 22.5mm +/-0.4mm    |
| LL | 25mm +2/-1mm       |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 300       |

### 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 | 4.7 g                           |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 0.39 uF                              |
| Capacitance Tolerance | 5%                                   |
| Voltage AC            | 250 VAC                              |
| Voltage DC            | 400 VDC                              |
| Temperature Range     | -55/+110°C                           |
| Rated Temperature     | 85°C                                 |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz              |
| Insulation Resistance | 76.923 GOhms                         |
| Max dV/dt             | 500 V/us                             |
| Resistance            | 8.16 mOhms (100kHz)                  |
| Ripple Current        | 8 Amps (100kHz 85C), 195 Amps (Peak) |
| Inductance            | 16 nH                                |