

## R76PN32205050J

Aliases (76PN32205050J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.22 uF, 5%, 630 VDC, 85°C, 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                             |
| Termination              | Tinned Wire                     |
| Lead                     | Wire Leads                      |
| Qualifications           | AEC-Q200                        |
| AEC-Q200                 | Yes                             |
| Typical Component Weight | 4.7 g                           |

### Specifications

|                       |                                        |
|-----------------------|----------------------------------------|
| Capacitance           | 0.22 uF                                |
| Capacitance Tolerance | 5%                                     |
| Voltage DC            | 630 VDC                                |
| Voltage AC            | 400 VAC                                |
| 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                              |
| ESR                   | 10.85 mOhms (100kHz)                   |
| Ripple Current        | 6.9 Amps (100kHz 85C), 330 Amps (Peak) |
| Inductance            | 16 nH                                  |