

## R76PN315050H3J

Aliases (76PN315050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.15 uF, 5%, 630 VDC, 105°C, 22.5 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                        |
| AEC-Q200                 | Yes                             |
| Typical Component Weight | 4.7 g                           |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.15 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, 0.06% 10kHz                  |
| Insulation Resistance | 100 GOhms                                |
| Max dV/dt             | 1,500 V/us                               |
| ESR                   | 15.92 mOhms (100kHz)                     |
| Ripple Current        | 5.02 Amps (100kHz 100C), 225 Amps (Peak) |
| Inductance            | 16 nH                                    |

### 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       |

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