

## R76TN222050H3H

Aliases (76TN222050H3H)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.022 uF, 2.5%, 1600 VDC, 105°C, Lead Spacing = 22.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 15mm +0.1/-0.5mm   |
| T  | 6mm +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 | 500       |

### 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 | 2.8 g                           |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.022 uF                               |
| Capacitance Tolerance | 2.5%                                   |
| Voltage AC            | 650 VAC                                |
| Voltage DC            | 1600 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             | 3000 V/us                              |
| Resistance            | 28.94 mOhms (100kHz)                   |
| Ripple Current        | 3.5 Amps (100kHz 100C), 66 Amps (Peak) |
| Inductance            | 16 nH                                  |

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