

## R76UN1820GYH3H

Aliases (76UN1820GYH3H)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 8200 pF, 2.5%, 2000 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    |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 300 |

### 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                             |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 8200 pF                                 |
| Capacitance Tolerance | 2.5%                                    |
| Voltage AC            | 700 VAC                                 |
| Voltage DC            | 2000 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             | 4500 V/us                               |
| Resistance            | 77.64 mOhms (100kHz)                    |
| Ripple Current        | 2.14 Amps (100kHz 100C), 37 Amps (Peak) |
| Inductance            | 16 nH                                   |

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