



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

#### General Information

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Series                   | R74                                              |
| Dielectric               | 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 | 1.525 g                                          |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes                    | Series Replaced by R75.                          |

#### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 3,300 pF                              |
| Tolerance             | 10%                                   |
| Voltage DC            | 1600 VDC                              |
| Voltage AC            | 500 VAC                               |
| Temperature Range     | -55/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 4,500 V/us                            |
| ESR                   | 192.9 mOhms (100kHz)                  |
| Ripple Current        | 1 Amps (100kHz 85C), 15 Amps (Peak)   |
| Inductance            | 10 nH                                 |

#### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| LL | 30mm +5mm        |
| F  | 0.8mm +/-0.05mm  |

#### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 1000      |

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