

## R75PD1330Z340J

Aliases (75PD1330Z340J)

R75, Film, Metallized Polypropylene, Automotive Grade, 3,300 pF, 5%, 630 VDC, 85°C, 7.5 mm



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | R75  |
| 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 | 0.49 g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 3,300 pF                              |
| Tolerance             | 5%                                    |
| Voltage DC            | 630 VDC                               |
| Voltage AC            | 250 VAC                               |
| Temperature Range     | -55/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 2,400 V/us                            |
| ESR                   | 241.1 mOhms (100kHz)                  |
| Ripple Current        | 0.52 Amps (100kHz 85C), 8 Amps (Peak) |
| Inductance            | 8 nH                                  |

### Dimensions

|    |                  |
|----|------------------|
| L  | 10mm +0.2/-0.5mm |
| H  | 9mm +0.1/-0.5mm  |
| T  | 4mm +0.1/-0.5mm  |
| S  | 7.5mm +/-0.4mm   |
| LL | 17mm +1/-2mm     |
| F  | 0.5mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 1500 |

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