

## R66PD1150DQ10K

Aliases (66PD1150DQ10K)

R66, Film, Metallized Polyester, Automotive Grade, 1,500 pF, 10%, 630 VDC, 85°C, 7.5 mm



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### General Information

|                          |  |
|--------------------------|--|
| Series                   | R66  |
| Dielectric               | Metallized Polyester   |
| Style                    | Radial   |
| Features                 | Automotive Grade, DC Multipurpose Applications   |
| RoHS                     | Yes  |
| Termination              | Tinned Wire  |
| Lead                     | Wire Leads   |
| Qualifications           | AEC-Q200   |
| AEC-Q200                 | Yes  |
| Typical Component Weight | 0.411 g  |
| Miscellaneous            | Note: This Capacitor Uses Wound Technology Rather Than Stacked, Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                   |
|----|-------------------|
| L  | 10mm +0.2mm       |
| H  | 8mm +0.1mm        |
| T  | 3mm +0.1mm        |
| S  | 7.5mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm   |
| F  | 0.5mm +/-0.05mm   |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 2800                    |

### Specifications

|                       |                     |
|-----------------------|---------------------|
| Capacitance           | 1,500 pF            |
| Tolerance             | 10%                 |
| Voltage DC            | 630 VDC             |
| Voltage AC            | 220 VAC             |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms            |
| Max dV/dt             | 40 V/us             |
| Inductance            | 8 nH                |

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