

## R66ED4150Z36AK

Aliases (66ED4150Z36AK)

R66, Film, Metallized Polyester Stacked, Automotive Grade, 1.5 uF, 10%, 100 VDC, 85°C, 7.5 mm



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### General Information

|                          |  |
|--------------------------|--|
| Series                   | R66  |
| Dielectric               | Metallized Polyester Stacked                     |
| 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 | 1.125 g  |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 10.5mm +0.2mm   |
| H  | 12mm +0.1mm     |
| T  | 6mm +0.1mm      |
| S  | 7.5mm +/-0.4mm  |
| LL | 17mm +1/-2mm    |
| F  | 0.6mm +/-0.05mm |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 800  |

### Specifications

|                       |                     |
|-----------------------|---------------------|
| Capacitance           | 1.5 uF              |
| Tolerance             | 10%                 |
| Voltage DC            | 100 VDC             |
| Voltage AC            | 63 VAC              |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 833.3 MOhms         |
| Max dV/dt             | 150 V/us            |
| Inductance            | 8 nH                |

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