

## R66CD4470Z36AJ

Aliases (66CD4470Z36AJ)

R66, Film, Metallized Polyester Stacked, Automotive Grade, 4.7 uF, 5%, 50 VDC, 85°C, 7.5 mm



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

### 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                                              |
| 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           | 4.7 uF              |
| Tolerance             | 5%                  |
| Voltage DC            | 50 VDC              |
| Voltage AC            | 30 VAC              |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 266 MOhms           |
| Max dV/dt             | 100 V/us            |
| Inductance            | 8 nH                |

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