

## R66CD4470CK6AK

Aliases (66CD4470CK6AK)

R66, Film, Metallized Polyester Stacked, Automotive Grade, 4.7 uF, 10%, 50 VDC, 85°C, Lead Spacing = 7.5mm



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

### Dimensions

|    |                   |
|----|-------------------|
| L  | 10.5mm +0.2mm     |
| H  | 12mm +0.1mm       |
| T  | 6mm +0.1mm        |
| S  | 7.5mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm   |
| F  | 0.6mm +/-0.05mm   |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 1000 |

### General Information

|                |  |
|----------------|--|
| Series         | R66  |
| Dielectric     | Metallized Polyester Stacked                     |
| Style          | Radial   |
| Features       | Automotive Grade, DC Multipurpose Applications   |
| RoHS           | Yes  |
| Lead           | Wire Leads                                       |
| Qualifications | AEC-Q200   |
| AEC-Q200       | Yes  |
| Miscellaneous  | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                     |
|-----------------------|---------------------|
| Capacitance           | 4.7 uF              |
| Capacitance Tolerance | 10%                 |
| Voltage AC            | 30 VAC              |
| Voltage DC            | 50 VDC              |
| 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                |