

## R66MD2680AA7AK

Aliases (66MD2680AA7AK)

R66, Film, Metallized Polyester Stacked, Automotive Grade, 0.068 uF, 10%, 400 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              | Cut (Tinned Wire)                                |
| Lead                     | Cut  |
| Qualifications           | AEC-Q200   |
| AEC-Q200                 | Yes  |
| Typical Component Weight | 0.98 g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 10mm +0.2mm     |
| H  | 10.5mm +0.1mm   |
| T  | 5mm +0.1mm      |
| S  | 7.5mm +/-0.4mm  |
| LL | 4mm +1.5mm      |
| F  | 0.6mm +/-0.05mm |

### Packaging Specifications

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

### Specifications

|                       |                     |
|-----------------------|---------------------|
| Capacitance           | 0.068 uF            |
| Tolerance             | 10%                 |
| Voltage DC            | 400 VDC             |
| Voltage AC            | 200 VAC             |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms            |
| Max dV/dt             | 275 V/us            |
| Inductance            | 8 nH                |

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