

R66CD4100DQ6AK

Aliases (66CD4100DQ6AK)

R66, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 10%, 50 VDC, 85°C, Lead Spacing = 7.5mm



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

Dimensions

| | |
|----------------|-------------------|
| L | 10mm +0.2mm |
| H | 8mm +0.1mm |
| T | 3mm +0.1mm |
| S | 7.5mm +0.6/-0.1mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.5mm +/-0.05mm |

Packaging Specifications

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

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 |
| Component Weight | 0.411 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Specifications

| | |
|-----------------------|---------------------|
| Capacitance | 1 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 | 1.25 GOhms |
| Max dV/dt | 100 V/us |
| Inductance | 8 nH |