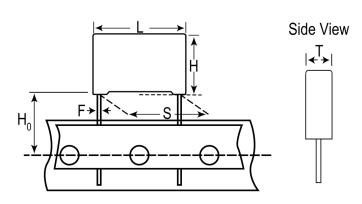


## R66ID2470DQ7AJ

Aliases (66ID2470DQ7AJ)

R66, Film, Metallized Polyester Stacked, Automotive Grade, 0.047 uF, 5%, 250 VDC, 85°C, Lead Spacing = 7.5mm



Click here for the 3D model.

| Dimensions |                   |
|------------|-------------------|
| L          | 10mm +0.2mm       |
| Н          | 8mm +0.1mm        |
| Т          | 3mm +0.1mm        |
| S          | 7.5mm +0.6/-0.1mm |
| НО         | 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<br>Applications |
| RoHS                | Yes   |
| Lead                | Wire Leads  |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component<br>Weight | 0.411 g   |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C.  |

| Specifications        |                     |
|-----------------------|---------------------|
| Capacitance           | 0.047 uF            |
| Capacitance Tolerance | 5%                  |
| Voltage AC            | 160 VAC             |
| Voltage DC            | 250 VDC             |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms            |
| Max dV/dt             | 200 V/us            |
| Inductance            | 8 nH                |

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