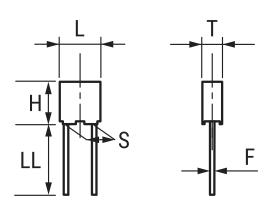


## R82EC3470AA70J

Aliases (82EC3470AA70J)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.47 uF, 5%, 100 VDC, 85°C, 5 mm



Click here for the 3D model.

| General Information      |   |
|--------------------------|---|
| Series                   | R82   |
| Dielectric               | Metallized Polyester Stacked                      |
| Style                    | Radial  |
| Features                 | Automotive Grade, DC<br>Multipurpose Applications |
| RoHS                     | Yes   |
| Termination              | Cut (Tinned Wire)                                 |
| Lead                     | Cut   |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 0.62 g  |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C.  |

| Dimensions               |                   |
|--------------------------|-------------------|
| L                        | 7.2mm +0.3/-0.5mm |
| Н                        | 9.5mm +0.1/-0.5mm |
| Т                        | 4.5mm +0.1/-0.5mm |
| S                        | 5mm +/-0.4mm      |
| LL                       | 4mm +1.5mm        |
| F                        | 0.5mm +/-0.05mm   |
|                          |                   |
| Packaging Specifications |                   |

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

| Specifications        |                       |
|-----------------------|-----------------------|
| Specifications        |                       |
| Capacitance           | 0.47 uF               |
| Tolerance             | 5%                    |
| Voltage DC            | 100 VDC               |
| Voltage AC            | 63 VAC                |
| Temperature Range     | -55/+105°C            |
| Rated Temperature     | 85°C                  |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance | 10.6383 GOhms         |
| Max dV/dt             | 200 V/us              |
| Inductance            | 7 nH                  |

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