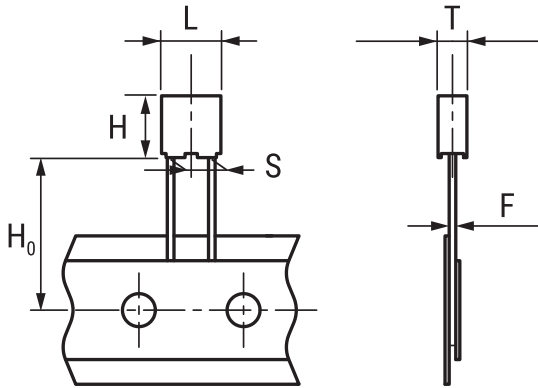


## R82CC4470CK30J

Aliases (82CC4470CK30J)

R82, Film, Metallized Polyester, Automotive Grade, 4.7 uF, 5%, 50 VDC, 85°C, 5 mm



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

### General Information

|                |                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------|
| Series         | R82                                                                                                              |
| Dielectric     | Metallized Polyester                                                                                             |
| Style          | Radial                                                                                                           |
| Features       | Automotive Grade, DC Multipurpose Applications                                                                   |
| RoHS           | Yes                                                                                                              |
| Termination    | Tinned Wire                                                                                                      |
| Lead           | Wire Leads                                                                                                       |
| Qualifications | AEC-Q200                                                                                                         |
| AEC-Q200       | Yes                                                                                                              |
| Miscellaneous  | Note: This Capacitor Uses Wound Technology Rather Than Stacked, Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                   |
|----|-------------------|
| L  | 7.2mm +0.3/-0.5mm |
| H  | 13mm +0.1/-0.5mm  |
| T  | 7.2mm +0.1/-0.5mm |
| S  | 5mm +/-0.4mm      |
| H0 | 18.5mm +/-0.5mm   |
| F  | 0.6mm +/-0.05mm   |

### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 800 |

### Specifications

|                       |                       |
|-----------------------|-----------------------|
| Capacitance           | 4.7 uF                |
| Tolerance             | 5%                    |
| Voltage DC            | 50 VDC                |
| Voltage AC            | 30 VAC                |
| Temperature Range     | -55/+105°C            |
| Rated Temperature     | 85°C                  |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance | 212.8 MOhms           |
| Max dV/dt             | 25 V/us               |
| Inductance            | 7 nH                  |

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