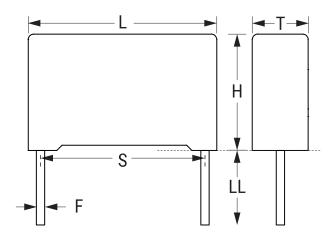


## R71VI3470JH20J

Aliases (71VI3470JH20J) R71, Film, Metallized Polypropylene, General Purpose, 0.47 uF, 5%, 520 VDC, 105°C, 15 mm



Click here for the 3D model.

| Dimensions |                   |
|------------|-------------------|
| L          | 18mm +/-0.5mm     |
| н          | 12mm +0.1/-0.5mm  |
| Т          | 13mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm     |
| LL         | 3.2mm +0.3/-0.2mm |
| F          | 0.8mm +/-0.05mm   |
|            |                   |

## **Packaging Specifications**

Packaging QuantityBulk, Bag750

| General Information      |   |
|--------------------------|---|
| Series                   | R71   |
| Dielectric               | Metallized Polypropylene                          |
| Style                    | Radial  |
| Features                 | PFC and Pulse                                     |
| RoHS                     | Yes   |
| Termination              | Cut (Tinned Wire)                                 |
| Lead                     | Cut   |
| AEC-Q200                 | No  |
| Typical Component Weight | 3.473 g   |
| Miscellaneous            | Above 105C DC And AC Voltage<br>Derating Is 4%/C. |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 0.47 uF                                   |
| Tolerance             | 5%  |
| Voltage DC            | 520 VDC                                   |
| Voltage AC            | 250 VAC                                   |
| Temperature Range     | -40/+110°C                                |
| Rated Temperature     | 105°C                                     |
| Dissipation Factor    | 0.1% 25C                                  |
| Insulation Resistance | 63.8298 GOhms                             |
| Max dV/dt             | 200 V/us                                  |
| ESR                   | 118.5 mOhms (100kHz)                      |
| Ripple Current        | 1.19 Amps (100kHz 85C), 94<br>Amps (Peak) |
| Inductance            | 10 nH                                     |

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