

## R71VI34705010J

Aliases (71VI34705010J)

R71, Film, Metallized Polypropylene, General Purpose, 0.47 uF, 5%, 520 VDC, 105°C, 15 mm



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

### General Information

|               |                                                |
|---------------|------------------------------------------------|
| Series        | R71                                            |
| Dielectric    | Metallized Polypropylene                       |
| Style         | Radial                                         |
| Features      | PFC and Pulse                                  |
| RoHS          | Yes                                            |
| Termination   | Tinned Wire                                    |
| Lead          | Wire Leads                                     |
| AEC-Q200      | No                                             |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 18mm +/-0.5mm      |
| H  | 18.5mm +0.1/-0.5mm |
| T  | 7.5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm      |
| LL | 25mm +2/-1mm       |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 500       |

### 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        | 1.28 Amps (100kHz 85C), 94 Amps (Peak) |
| Inductance            | 10 nH                                  |

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