

## R71VI3680JB30K

Aliases (71VI3680JB30K)

R71, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 10%, 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              | Cut (Tinned Wire)                              |
| Lead                     | Cut  |
| AEC-Q200                 | No   |
| Typical Component Weight | 3.619 g  |
| Miscellaneous            | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +/-0.5mm    |
| H  | 16mm +0.1/-0.5mm |
| T  | 10mm +0.2/-0.5mm |
| S  | 15mm +/-0.4mm    |
| LL | 3.5mm +0.5mm     |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 750       |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 0.68 uF                                 |
| Tolerance             | 10%                                     |
| Voltage DC            | 520 VDC                                 |
| Voltage AC            | 250 VAC                                 |
| Temperature Range     | -40/+110°C                              |
| Rated Temperature     | 105°C                                   |
| Dissipation Factor    | 0.1% 25C                                |
| Insulation Resistance | 44.1176 GOhms                           |
| Max dV/dt             | 200 V/us                                |
| ESR                   | 105.3 mOhms (100kHz)                    |
| Ripple Current        | 1.32 Amps (100kHz 85C), 136 Amps (Peak) |
| Inductance            | 10 nH                                   |

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