

## R71PN3680AA30J

Aliases (71PN3680AA30J)

R71, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 630 VDC, 105°C, Lead Spacing = 22.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 18.5mm +0.1/-0.5mm |
| T  | 10mm +0.2/-0.5mm   |
| S  | 22.5mm +/-0.4mm    |
| LL | 4mm +2mm           |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 396       |

### General Information

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

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 0.68 uF                                   |
| Capacitance Tolerance | 5%  |
| Voltage AC            | 275 VAC                                   |
| Voltage DC            | 630 VDC                                   |
| Temperature Range     | -40/+110°C                                |
| Rated Temperature     | 105°C                                     |
| Dissipation Factor    | 0.1% 25C                                  |
| Insulation Resistance | 44.1176 GOhms                             |
| Max dV/dt             | 160 V/us                                  |
| Resistance            | 140.4 mOhms (100kHz)                      |
| Ripple Current        | 1.35 Amps (100kHz 85C), 108.8 Amps (Peak) |
| Inductance            | 18 nH                                     |