

## R71PI3680DQ30M

Aliases (71PI3680DQ30M)

R71, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 20%, 630 VDC, 105°C, 15 mm



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### General Information

|                          |  |
|--------------------------|--|
| Series                   | R71  |
| Dielectric               | Metallized Polypropylene                       |
| Style                    | Radial   |
| Features                 | PFC and Pulse                                  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                    |
| Lead                     | Wire Leads                                     |
| Typical Component Weight | 6.026 g  |
| Miscellaneous            | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +/-0.5mm    |
| H  | 19mm +0.1/-0.5mm |
| T  | 11mm +0.2/-0.5mm |
| S  | 15mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 340                     |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.68 uF                                |
| Tolerance             | 20%                                    |
| Voltage DC            | 630 VDC                                |
| Voltage AC            | 275 VAC                                |
| Temperature Range     | -40/+110°C                             |
| Rated Temperature     | 105°C                                  |
| Dissipation Factor    | 0.1% 25C                               |
| Insulation Resistance | 44.1176 GOhms                          |
| Max dV/dt             | 250 V/us                               |
| ESR                   | 105.3 mOhms (100kHz)                   |
| Ripple Current        | 1.4 Amps (100kHz 85C), 170 Amps (Peak) |
| Inductance            | 10 nH                                  |

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