

## **R71PN3680AA30K**

Aliases (71PN3680AA30K)

R71, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 10%, 630 VDC, 105°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions | ,                  |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| Н          | 18.5mm +0.1/-0.5mm |
| Т          | 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   |
| Component<br>Weight | 5.976 g  |
| Miscellaneous       | Above 105C DC And AC Voltage Derating Is 4%/C. |

| Specifications           |  |
|--------------------------|--|
| Capacitance              | 0.68 uF                                      |
| Capacitance<br>Tolerance | 10%  |
| 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<br>(Peak) |
| Inductance               | 18 nH  |

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