

## R71PN3470CK30K

Aliases (71PN3470CK30K)

R71, Film, Metallized Polypropylene, General Purpose, 0.47 uF, 10%, 630 VDC, 105°C, Lead Spacing = 22.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 16mm +0.1/-0.5mm   |
| T  | 7mm +0.2/-0.5mm    |
| S  | 22.5mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, Large |
| Packaging Quantity | 550        |

### General Information

|                  |  |
|------------------|--|
| Series           | R71  |
| Dielectric       | Metallized Polypropylene                       |
| Style            | Radial   |
| Features         | PFC and Pulse                                  |
| RoHS             | Yes  |
| Lead             | Wire Leads                                     |
| AEC-Q200         | No   |
| Component Weight | 3.5 g  |
| Miscellaneous    | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.47 uF                                  |
| Capacitance 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 | 63.8298 GOhms                            |
| Max dV/dt             | 160 V/us                                 |
| Resistance            | 203.2 mOhms (100kHz)                     |
| Ripple Current        | 1.09 Amps (100kHz 85C), 75.2 Amps (Peak) |
| Inductance            | 18 nH                                    |

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