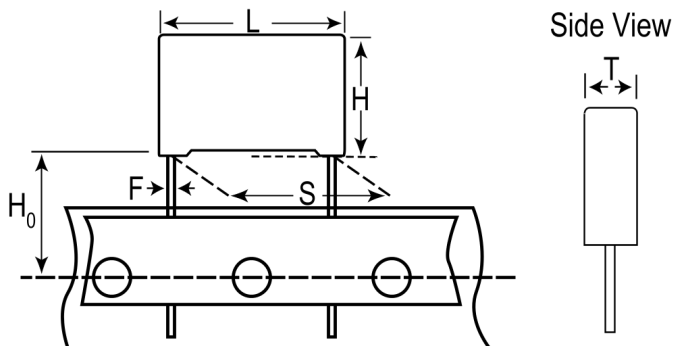


## R75PI2680CK30K

Aliases (75PI2680CK30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.068 uF, 10%, 630 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 12mm +0.1/-0.5mm |
| T  | 6mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, Large |
| Packaging Quantity | 1000       |

### General Information

|                  |                                                  |
|------------------|--------------------------------------------------|
| Series           | R75                                              |
| Dielectric       | Metallized Polypropylene                         |
| Style            | Radial                                           |
| Features         | Automotive Grade, Pulse                          |
| RoHS             | Yes                                              |
| Lead             | Wire Leads                                       |
| Qualifications   | AEC-Q200                                         |
| AEC-Q200         | Yes                                              |
| Component Weight | 2.479 g                                          |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                        |
|-----------------------|----------------------------------------|
| Capacitance           | 0.068 uF                               |
| Capacitance Tolerance | 10%                                    |
| Voltage AC            | 250 VAC                                |
| Voltage DC            | 630 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz  |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 1000 V/us                              |
| Resistance            | 23.4 mOhms (100kHz)                    |
| Ripple Current        | 3.91 Amps (100kHz 85C), 68 Amps (Peak) |
| Inductance            | 10 nH                                  |