

## R75QD1470CK30K

Aliases (75QD1470CK30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 4700 pF, 10%, 1000 VDC, 85°C, Lead Spacing = 7.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 10mm +0.2/-0.5mm   |
| H  | 10.5mm +0.1/-0.5mm |
| T  | 5mm +0.1/-0.5mm    |
| S  | 7.5mm +/-0.4mm     |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.5mm +/-0.05mm    |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | T&R  |
| Packaging Quantity | 1200 |

### 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 | 0.733 g  |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 4700 pF                                |
| Capacitance Tolerance | 10%                                    |
| Voltage AC            | 400 VAC                                |
| Voltage DC            | 1000 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             | 4000 V/us                              |
| Resistance            | 169.3 mOhms (100kHz)                   |
| Ripple Current        | 1.18 Amps (100kHz 85C), 19 Amps (Peak) |
| Inductance            | 8 nH                                   |