

## R75PC1470AA40K

Aliases (75PC1470AA40K)

R75, Film, Metallized Polypropylene, General Purpose, 4700 pF, 10%, 630 VDC, 85°C, Lead Spacing = 5mm



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

### Dimensions

|    |                   |
|----|-------------------|
| L  | 7.2mm +0.3/-0.5mm |
| H  | 9.5mm +0.1/-0.5mm |
| T  | 4.5mm +0.1/-0.5mm |
| S  | 5mm +/-0.4mm      |
| LL | 4mm +1.5mm        |
| F  | 0.5mm +/-0.05mm   |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 1500 |

### General Information

|                  |   |
|------------------|---|
| Series           | R75   |
| Dielectric       | Metallized Polypropylene  |
| Style            | Radial  |
| Features         | Automotive Grade, Pulse   |
| RoHS             | Yes   |
| Lead             | Cut   |
| AEC-Q200         | No  |
| Component Weight | 0.621 g   |
| Miscellaneous    | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 4700 pF                                |
| Capacitance Tolerance | 10%                                    |
| Voltage AC            | 220 VAC                                |
| Voltage DC            | 630 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 600 V/us                               |
| Resistance            | 1016 mOhms (100kHz)                    |
| Ripple Current        | 0.457 Amps (100kHz 85C), 3 Amps (Peak) |
| Inductance            | 7 nH                                   |