

## R75PD2120JEBOK

Aliases (75PD2120JEBOK)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.012 uF, 10%, 630 VDC, 85°C, Lead Spacing = 7.5mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 10mm +0.2/-0.5mm |
| H  | 9mm +0.1/-0.5mm  |
| T  | 4mm +0.1/-0.5mm  |
| S  | 7.5mm +/-0.4mm   |
| LL | 4mm +0.5mm       |
| F  | 0.5mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 2000 |

### General Information

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

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.012 uF                              |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 220 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             | 600 V/us                              |
| Resistance            | 79.6 mOhms (100kHz)                   |
| Ripple Current        | 1.57 Amps (100kHz 85C), 7 Amps (Peak) |
| Inductance            | 8 nH                                  |