

## R75PN3120CK30J

Aliases (75PN3120CK30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.12 uF, 5%, 630 VDC, 85°C, Lead Spacing = 22.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 15mm +0.1/-0.5mm   |
| T  | 6mm +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 | 700        |

### General Information

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

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.12 uF                                |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 250 VAC                                |
| Voltage DC            | 630 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 400 V/us                               |
| Resistance            | 22.5 mOhms (100kHz)                    |
| Ripple Current        | 4.52 Amps (100kHz 85C), 48 Amps (Peak) |
| Inductance            | 18 nH                                  |