

## R75PW4470JE30K

Aliases (75PW4470JE30K)

R75, Film, Metallized Polypropylene, General Purpose, 4.7 uF, 10%, 630 VDC, 85°C, 37.5 mm



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### General Information

|                          |  |
|--------------------------|--|
| Series                   | R75  |
| Dielectric               | Metallized Polypropylene                         |
| Style                    | Radial   |
| Features                 | Pulse  |
| RoHS                     | Yes  |
| Termination              | Cut (Tinned Wire)                                |
| Lead                     | Cut  |
| AEC-Q200                 | No   |
| Typical Component Weight | 39.4 g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.3/-0.7mm |
| H  | 40mm +0.1/-0.7mm   |
| T  | 20mm +0.3/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| LL | 4mm +0.5mm         |
| F  | 1mm +/-0.05mm      |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 126  |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 4.7 uF                                   |
| Tolerance             | 10%                                      |
| Voltage DC            | 630 VDC                                  |
| Voltage AC            | 250 VAC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.06% 1kHz                               |
| Insulation Resistance | 6.383 GOhms                              |
| Max dV/dt             | 90 V/us                                  |
| ESR                   | 5.1 mOhms (100kHz)                       |
| Ripple Current        | 14.49 Amps (100kHz 85C), 423 Amps (Peak) |
| Inductance            | 20 nH                                    |

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