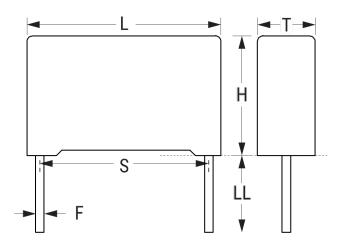


## R75PW4820AA30K

## Aliases (75PW4820AA30K)

R75, Film, Metallized Polypropylene, General Purpose, 8.2 uF, 10%, 630 VDC, 85°C, Lead Spacing = 37.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 41.5mm +0.3/-0.7mm |
| н          | 45mm +0.1/-0.7mm   |
| т          | 30mm +0.3/-0.7mm   |
| S          | 37.5mm +/-0.4mm    |
| LL         | 4mm +2mm           |
| F          | 1mm +/-0.05mm      |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 90   |

| General Information |  |
|---------------------|--|
| Series              | R75  |
| Dielectric          | Metallized Polypropylene                         |
| Style               | Radial   |
| Features            | Pulse  |
| RoHS                | Yes  |
| Lead                | Cut  |
| AEC-Q200            | No   |
| Component<br>Weight | 68.69 g  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications            |   |
|---------------------------|---|
| Capacitance               | 8.2 uF                                      |
| Capacitance<br>Tolerance  | 10%   |
| Voltage AC                | 250 VAC                                     |
| Voltage DC                | 630 VDC                                     |
| Temperature Range         | -55/+105°C                                  |
| Rated Temperature         | 85°C  |
| <b>Dissipation Factor</b> | 0.1% 1kHz                                   |
| Insulation Resistance     | 3.6585 GOhms                                |
| Max dV/dt                 | 90 V/us                                     |
| Resistance                | 5.8 mOhms (100kHz)                          |
| Ripple Current            | 14.64 Amps (100kHz 85C), 738 Amps<br>(Peak) |
| Inductance                | 20 nH                                       |
|                           |   |

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