

## R71QW4820AA10M

Aliases (71QW4820AA10M)

R71, Film, Metallized Polypropylene, General Purpose, 8.2 uF, 20%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 41.5mm +0.3/-0.7mm |
| H  | 44mm +0.1/-0.7mm   |
| T  | 24mm +0.3/-0.7mm   |
| S  | 37.5mm +/-0.4mm    |
| LL | 4mm +2mm           |
| F  | 1mm +/-0.05mm      |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 108  |

### General Information

|                  |  |
|------------------|--|
| Series           | R71  |
| Dielectric       | Metallized Polypropylene                       |
| Style            | Radial   |
| Features         | PFC and Pulse                                  |
| RoHS             | Yes  |
| Lead             | Cut  |
| AEC-Q200         | No   |
| Component Weight | 52.59 g  |
| Miscellaneous    | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 8.2 uF                                  |
| Capacitance Tolerance | 20%                                     |
| Voltage AC            | 275 VAC                                 |
| Voltage DC            | 1000 VDC                                |
| Temperature Range     | -40/+110°C                              |
| Rated Temperature     | 105°C                                   |
| Dissipation Factor    | 0.1% 25C                                |
| Insulation Resistance | 3.6585 GOhms                            |
| Max dV/dt             | 80 V/us                                 |
| Resistance            | 52.4 mOhms (100kHz)                     |
| Ripple Current        | 3.01 Amps (100kHz 85C), 656 Amps (Peak) |
| Inductance            | 20 nH                                   |