

## R71QR42205000J

Aliases (71QR42205000J)

R71, Film, Metallized Polypropylene, General Purpose, 2.2 uF, 5%, 1,000 VDC, 105°C, 27.5 mm



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | R71  |
| Dielectric               | Metallized Polypropylene                       |
| Style                    | Radial   |
| Features                 | PFC and Pulse                                  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                    |
| Lead                     | Wire Leads                                     |
| Typical Component Weight | 31.1 g   |
| Miscellaneous            | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Dimensions

|    |                  |
|----|------------------|
| L  | 32mm +0.3/-0.7mm |
| H  | 37mm +0.1/-0.7mm |
| T  | 22mm +0.2/-0.7mm |
| S  | 27.5mm +/-0.4mm  |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 112  |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 2.2 uF                                 |
| Tolerance             | 5%                                     |
| Voltage DC            | 1000 VDC                               |
| Voltage AC            | 275 VAC                                |
| Temperature Range     | -40/+110°C                             |
| Rated Temperature     | 105°C                                  |
| Dissipation Factor    | 0.1% 25C                               |
| Insulation Resistance | 13.6364 GOhms                          |
| Max dV/dt             | 180 V/us                               |
| ESR                   | 54.3 mOhms (100kHz)                    |
| Ripple Current        | 2.6 Amps (100kHz 85C), 396 Amps (Peak) |
| Inductance            | 18 nH                                  |

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