

## R71MN4220JH30K

Aliases (71MN4220JH30K)

R71, Film, Metallized Polypropylene, General Purpose, 2.2 uF, 10%, 420 VDC, 105°C, Lead Spacing = 22.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 20mm +0.1/-0.5mm   |
| T  | 11mm +0.2/-0.5mm   |
| S  | 22.5mm +/-0.4mm    |
| LL | 3.2mm +0.3/-0.2mm  |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 360       |

### General Information

|                  |  |
|------------------|--|
| Series           | R71  |
| Dielectric       | Metallized Polypropylene                       |
| Style            | Radial   |
| Features         | PFC and Pulse                                  |
| RoHS             | Yes  |
| Lead             | Cut  |
| AEC-Q200         | No   |
| Component Weight | 6.8 g  |
| Miscellaneous    | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 2.2 uF                                  |
| Capacitance Tolerance | 10%                                     |
| Voltage AC            | 220 VAC                                 |
| Voltage DC            | 420 VDC                                 |
| Temperature Range     | -40/+110°C                              |
| Rated Temperature     | 105°C                                   |
| Dissipation Factor    | 0.1% 25C                                |
| Insulation Resistance | 13.6364 GOhms                           |
| Max dV/dt             | 100 V/us                                |
| Resistance            | 43.4 mOhms (100kHz)                     |
| Ripple Current        | 2.45 Amps (100kHz 85C), 220 Amps (Peak) |
| Inductance            | 18 nH                                   |