

## R71XN4220AAH0J

Aliases (71XN4220AAH0J)

R71H, Film, Metallized Polypropylene, Automotive Grade, 2.2 uF, 5%, 450 VDC, 85°C, 22.5mm



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

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 17mm +0.1/-0.5mm   |
| T  | 8.5mm +0.2/-0.5mm  |
| S  | 22.5mm +/-0.4mm    |
| LL | 4mm +2mm           |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 468       |

### General Information

|                |  |
|----------------|--|
| Series         | R71H   |
| Dielectric     | Metallized Polypropylene                       |
| Style          | Radial   |
| Features       | PFC and Pulse                                  |
| RoHS           | Yes  |
| Termination    | Cut (Tinned Wire)                              |
| Lead           | Cut  |
| Qualifications | AEC-Q200                                       |
| AEC-Q200       | Yes  |
| Miscellaneous  | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 2.2 uF                                   |
| Capacitance Tolerance | 5%                                       |
| Voltage DC            | 450 VDC                                  |
| Voltage AC            | 160 VAC                                  |
| Temperature Range     | -55/+125°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.1% 25C                                 |
| Insulation Resistance | 13.6364 GOhms                            |
| Max dV/dt             | 70 V/us                                  |
| ESR                   | 23.15 mOhms (100kHz)                     |
| Ripple Current        | 4.743 Amps (100kHz 85C), 154 Amps (Peak) |
| Inductance            | 16 nH                                    |