

## R71MN4220AA30J

Aliases (71MN4220AA30J)

R71, Film, Metallized Polypropylene, General Purpose, 2.2 uF, 5%, 420 VDC, 105°C, Lead Spacing = 22.5mm



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| Dimensions |                    |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| Н          | 20mm +0.1/-0.5mm   |
| Т          | 11mm +0.2/-0.5mm   |
| S          | 22.5mm +/-0.4mm    |
| LL         | 4mm +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<br>Weight | 6.754 g  |
| Miscellaneous       | Above 105C DC And AC Voltage Derating Is 4%/C. |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 2.2 uF                                  |
| Capacitance Tolerance | 5%                                      |
| 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                                   |

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