

KEMET Part Number: R71MN42205030J
(71MN42205030J)

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



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 | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

| | |
|----------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 250 |

General Information

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|-----------------------|--|
| Series: | R71 |
| Dielectric: | Metallized Polypropylene |
| Style: | Radial |
| Features: | PFC and Pulse |
| RoHS: | Yes |
| Lead: | Wire Leads |
| AEC-Q200: | No |
| 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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