

KEMET Part Number: R71QW5100AA10J
(71QW5100AA10J)

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R71, Film, Metallized Polypropylene, General Purpose, 10 uF, 5%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



Dimensions

| | |
|----|--------------------|
| L | 41.5mm +0.3/-0.7mm |
| H | 45mm +0.1/-0.7mm |
| T | 30mm +0.3/-0.7mm |
| S | 37.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 1mm +/-0.05mm |

Packaging Specifications

| | |
|---------------------|------|
| Packaging: | Tray |
| Packaging Quantity: | 90 |

General Information

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

Specifications

| | |
|------------------------|---|
| Capacitance: | 10 uF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 275 VAC |
| Voltage DC: | 1000 VDC |
| Temperature Range: | -40/+110°C |
| Rated Temperature: | 105°C |
| Dissipation Factor: | 0.1% 25C |
| Insulation Resistance: | 3 GOhms |
| Max dV/dt: | 80 V/us |
| Resistance: | 43 mOhms (100kHz) |
| Ripple Current: | 3.33 Amps (100kHz 85C), 800 Amps (Peak) |
| Inductance: | 20 nH |

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