

## R71MI3330AA00J

Aliases (71MI3330AA00J)

R71, Film, Metallized Polypropylene, General Purpose, 0.33 uF, 5%, 420 VDC, 105°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| Н          | 12mm +0.1/-0.5mm |
| Т          | 6mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 4mm +2mm         |
| F          | 0.6mm +/-0.05mm  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 1750      |  |

| 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              | 0.33 uF                                     |
| Capacitance<br>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    | 100 GOhms                                   |
| Max dV/dt                | 160 V/us                                    |
| Resistance               | 168.8 mOhms (100kHz)                        |
| Ripple Current           | 0.99 Amps (100kHz 85C), 52.8 Amps<br>(Peak) |
| Inductance               | 10 nH                                       |

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