

**KEMET Part Number: R71MI33304000K**  
(71MI33304000K)

**KEMET**

a YAGEO company

R71, Film, Metallized Polypropylene, General Purpose, 0.33 uF, 10%, 420 VDC, 105°C, Lead Spacing = 15mm



| General Information |  |
|---------------------|--|
| 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. |

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| H          | 12mm +0.1/-0.5mm |
| T          | 6mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 30mm +5mm        |
| F          | 0.6mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 900       |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 0.33 uF                                  |
| Capacitance Tolerance: | 10%                                      |
| 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 (Peak) |
| Inductance:            | 10 nH                                    |

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