

**KEMET Part Number: R71PI415050H6K**  
(71PI415050H6K)

**KEMET**  
a YAGEO company

R71H, Film, Metallized Polypropylene, Automotive Grade, 1.5 uF, 10%, 630 VDC, 85°C, Lead Spacing = 15mm



#### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +/-0.5mm    |
| H  | 19mm +0.1/-0.5mm |
| T  | 11mm +0.2/-0.5mm |
| S  | 15mm +/-0.4mm    |
| LL | 25mm +2/-1mm     |
| F  | 0.8mm +/-0.05mm  |

#### Packaging Specifications

|                     |           |
|---------------------|-----------|
| Packaging:          | Bulk, Bag |
| Packaging Quantity: | 350       |

#### General Information

|                   |  |
|-------------------|--|
| Series:           | R71H   |
| Dielectric:       | Metallized Polypropylene                       |
| Style:            | Radial   |
| Features:         | PFC and Pulse                                  |
| RoHS:             | Yes  |
| Lead:             | Wire Leads                                     |
| Qualifications:   | AEC-Q200                                       |
| AEC-Q200:         | Yes  |
| Component Weight: | 5.1 g  |
| Miscellaneous:    | Above 105C DC And AC Voltage Derating Is 4%/C. |

#### Specifications

|                        |  |
|------------------------|--|
| Capacitance:           | 1.5 uF                                   |
| Capacitance Tolerance: | 10%                                      |
| Voltage AC:            | 220 VAC                                  |
| Voltage DC:            | 630 VDC                                  |
| Temperature Range:     | -55/+125°C                               |
| Rated Temperature:     | 85°C                                     |
| Dissipation Factor:    | 0.1% 25C                                 |
| Insulation Resistance: | 20 GOhms                                 |
| Max dV/dt:             | 170 V/us                                 |
| Resistance:            | 26.53 mOhms (100kHz)                     |
| Ripple Current:        | 3.725 Amps (100kHz 85C), 170 Amps (Peak) |
| Inductance:            | 10 nH                                    |

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