

**KEMET Part Number: R523N415050P0K**  
(523N415050P0K)

**KEMET**

a YAGEO company

R52 310 VAC MINI, Film, Metallized Polypropylene, Automotive Safety, 1.5 uF, 10%, 310 VAC (X2), 630 VDC, 110°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

|                  |                              |
|------------------|------------------------------|
| Series:          | R52 310 VAC MINI             |
| Dielectric:      | Metallized Polypropylene     |
| Style:           | Radial                       |
| Features:        | EMI Safety                   |
| RoHS:            | Yes                          |
| Lead:            | Wire Leads                   |
| Safety Class:    | X2                           |
| Qualifications:  | ENEC, UL, cUL, CQC, AEC-Q200 |
| AEC-Q200:        | Yes                          |
| THB Performance: | Yes                          |

#### Specifications

|                        |              |
|------------------------|--------------|
| Capacitance:           | 1.5 uF       |
| Capacitance Tolerance: | 10%          |
| Voltage AC:            | 310 VAC (X2) |
| Voltage DC:            | 630 VDC      |
| Temperature Range:     | -40/+110°C   |
| Rated Temperature:     | 110°C        |
| Dissipation Factor:    | 0.2% 1KHz    |
| Insulation Resistance: | 45 GOhms     |
| Max dV/dt:             | 200 V/us     |

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