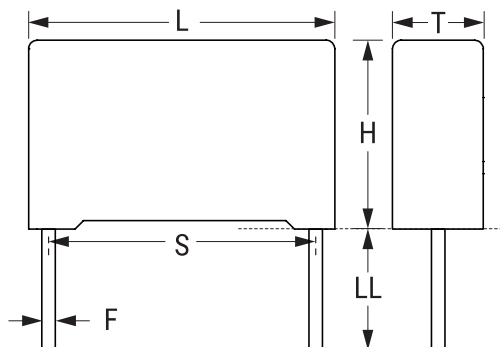


**KEMET Part Number: R523W422050P0K**  
(523W422050P0K)

R52 310 VAC MINI, Film, Metallized Polypropylene, Safety, 2.2 uF, 10%, 310 VAC (X2), 110°C, Lead Spacing = 37.5mm



#### General Information

|                        |                          |
|------------------------|--------------------------|
| <b>Series:</b>         | R52 310 VAC MINI         |
| <b>Dielectric:</b>     | Metallized Polypropylene |
| <b>Style:</b>          | Radial                   |
| <b>Features:</b>       | EMI Safety               |
| <b>RoHS:</b>           | Yes                      |
| <b>Lead:</b>           | Wire Leads               |
| <b>Safety Class:</b>   | X2                       |
| <b>Qualifications:</b> | ENEC, UL, cUL, CQC       |
| <b>AEC-Q200:</b>       | No                       |

#### Dimensions

|           |                    |
|-----------|--------------------|
| <b>L</b>  | 41.5mm +0.3/-0.7mm |
| <b>H</b>  | 22mm +0.1/-0.7mm   |
| <b>T</b>  | 11mm +0.3/-0.7mm   |
| <b>S</b>  | 37.5mm +/-0.4mm    |
| <b>LL</b> | 4mm +2mm           |
| <b>F</b>  | 1mm +/-0.05mm      |

#### Specifications

|                               |              |
|-------------------------------|--------------|
| <b>Capacitance:</b>           | 2.2 uF       |
| <b>Capacitance Tolerance:</b> | 10%          |
| <b>Voltage AC:</b>            | 310 VAC (X2) |
| <b>Temperature Range:</b>     | -40/+110°C   |
| <b>Rated Temperature:</b>     | 110°C        |
| <b>Dissipation Factor:</b>    | 0.1% 1kHz    |
| <b>Insulation Resistance:</b> | 66 GOhms     |
| <b>Max dV/dt:</b>             | 100 V/us     |

#### Packaging Specifications

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 252       |