

## R523R422050P0K

Aliases (523R422050P0K)

R52 310 VAC MINI, Film, Metallized Polypropylene, Automotive Safety, 2.2 uF, 10%, 310 VAC (X2), 630 VDC, 110°C, Lead Spacing = 27.5mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| н          | 22mm +0.1/-0.7mm |
| т          | 13mm +0.2/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 25mm +2/-1mm     |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | Tray |  |
| Packaging Quantity       | 288  |  |

| 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                          |  |
| Component Weight    | 10.53 g                      |  |

| Specifications        |               |  |
|-----------------------|---------------|--|
| Capacitance           | 2.2 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 | 13.6364 GOhms |  |
| Max dV/dt             | 150 V/us      |  |

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