

## R475N31000001M

## Aliases (475N31000001M)

R47 X2 520 VAC, Film, Metallized Polypropylene, Automotive Safety, 0.1 uF, 20%, 520 VAC (X2), 1000 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| н          | 16mm +0.1/-0.5mm   |
| т          | 7mm +0.2/-0.5mm    |
| S          | 22.5mm +/-0.4mm    |
| LL         | 4mm +2mm           |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |           |  |  |
|--------------------------|-----------|--|--|
| Packaging                | Bulk, Bag |  |  |
| Packaging Quantity       | 700       |  |  |

| General Information |                              |  |  |
|---------------------|------------------------------|--|--|
| Series              | R47 X2 520 VAC               |  |  |
| Dielectric          | Metallized Polypropylene     |  |  |
| Style               | Radial                       |  |  |
| Features            | Automotive Grade, EMI Safety |  |  |
| RoHS                | Yes                          |  |  |
| Lead                | Cut                          |  |  |
| Safety Class        | X2                           |  |  |
| Qualifications      | AEC-Q200, ENEC, UL, cUL      |  |  |
| AEC-Q200            | Yes                          |  |  |
| THB Performance     | Yes                          |  |  |
| Component Weight    | 3.77 g                       |  |  |

| Specifications        |              |  |  |
|-----------------------|--------------|--|--|
| Capacitance           | 0.1 uF       |  |  |
| Capacitance Tolerance | 20%          |  |  |
| Voltage AC            | 520 VAC (X2) |  |  |
| Voltage DC            | 1000 VDC     |  |  |
| Temperature Range     | -40/+85°C    |  |  |
| Rated Temperature     | 85°C         |  |  |
| Dissipation Factor    | 0.1% 1kHz    |  |  |
| Insulation Resistance | 100 GOhms    |  |  |
| Max dV/dt             | 300 V/us     |  |  |

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