

## R49AI2100DQ01M

Aliases (49AI2100DQ01M)

R49 310 VAC, Film, Metallized Polypropylene, Safety, 0.01 uF, 20%, 800 VDC, 310 VAC (X1), 110°C, 15 mm



Click [here](#) for the 3D model.

### General Information

|                          |                          |
|--------------------------|--------------------------|
| Series                   | R49 310 VAC              |
| Dielectric               | Metallized Polypropylene |
| Style                    | Radial                   |
| Features                 | EMI Safety               |
| RoHS                     | Yes                      |
| Termination              | Tinned Wire              |
| Lead                     | Wire Leads               |
| Safety Class             | X1                       |
| Qualifications           | ENEC, UL, cUL            |
| AEC-Q200                 | No                       |
| Typical Component Weight | 1.755 g                  |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 0.01 uF      |
| Tolerance             | 20%          |
| Voltage DC            | 800 VDC      |
| Voltage AC            | 310 VAC (X1) |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.1% 1kHz    |
| Insulation Resistance | 100 GOhms    |
| Max dV/dt             | 500 V/us     |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 800                     |

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