

## R46KN410052N1K

Aliases (46KN410052N1K)

R46 275 VAC, Film, Metallized Polypropylene, Safety, 1 uF, 10%, 560 VDC, 275 VAC (X2), 110°C, 22.5 mm



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

### General Information

|                |                                      |
|----------------|--------------------------------------|
| Series         | R46 275 VAC                          |
| Dielectric     | Metallized Polypropylene             |
| Style          | Radial                               |
| Features       | EMI Safety                           |
| RoHS           | Yes                                  |
| Termination    | Tinned Wire                          |
| Lead           | Insulated Flexible Leads             |
| Safety Class   | X2                                   |
| Qualifications | ENEC, UL, cUL, CQC                   |
| AEC-Q200       | No                                   |
| Notes          | We Recommended To Use R46 @ 310 VAC. |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 1 uF         |
| Tolerance             | 10%          |
| Voltage DC            | 560 VDC      |
| Voltage AC            | 275 VAC (X2) |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.1% 1kHz    |
| Insulation Resistance | 30 GOhms     |
| Max dV/dt             | 200 V/us     |

### 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 | 150mm +5/-5mm      |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 250       |

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