

## R76MR4100CK40K

Aliases (76MR4100CK40K)

R76, Film, Double Metallized Polypropylene, General Purpose, 1 uF, 10%, 400 VDC, 85°C, 27.5 mm



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

### General Information

|                          |                                 |
|--------------------------|---------------------------------|
| Series                   | R76                             |
| Dielectric               | Double Metallized Polypropylene |
| Style                    | Radial                          |
| Features                 | Pulse                           |
| RoHS                     | Yes                             |
| Termination              | Tinned Wire                     |
| Lead                     | Wire Leads                      |
| Typical Component Weight | 10.4 g                          |

### Dimensions

|    |                  |
|----|------------------|
| L  | 32mm +0.3/-0.7mm |
| H  | 22mm +0.1/-0.7mm |
| T  | 13mm +0.2/-0.7mm |
| S  | 27.5mm +/-0.4mm  |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, Large |
| Packaging Quantity | 300        |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 1 uF                                    |
| Tolerance             | 10%                                     |
| Voltage DC            | 400 VDC                                 |
| Voltage AC            | 250 VAC                                 |
| Temperature Range     | -55/+110°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz                 |
| Insulation Resistance | 30 GOhms                                |
| Max dV/dt             | 300 V/us                                |
| ESR                   | 5.57 mOhms (100kHz)                     |
| Ripple Current        | 11.1 Amps (100kHz 85C), 300 Amps (Peak) |
| Inductance            | 18 nH                                   |

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