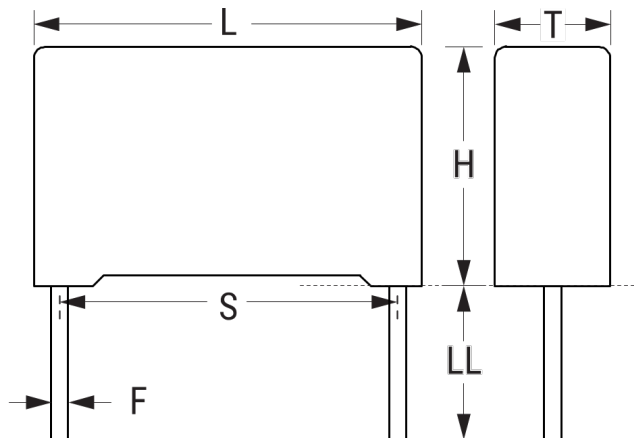


## R75IR5100AA40M

Aliases (75IR5100AA40M)

R75, Film, Metallized Polypropylene, General Purpose, 10 uF, 20%, 250 VDC, 85°C, Lead Spacing = 27.5mm



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

### Dimensions

|    |                  |
|----|------------------|
| L  | 32mm +0.3/-0.7mm |
| H  | 37mm +0.1/-0.7mm |
| T  | 22mm +0.2/-0.7mm |
| S  | 27.5mm +/-0.4mm  |
| LL | 4mm +2mm         |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 168  |

### General Information

|                  |                                                  |
|------------------|--------------------------------------------------|
| Series           | R75                                              |
| Dielectric       | Metallized Polypropylene                         |
| Style            | Radial                                           |
| Features         | Pulse                                            |
| RoHS             | Yes                                              |
| Lead             | Cut                                              |
| AEC-Q200         | No                                               |
| Component Weight | 31.26 g                                          |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                          |
|-----------------------|------------------------------------------|
| Capacitance           | 10 uF                                    |
| Capacitance Tolerance | 20%                                      |
| Voltage AC            | 160 VAC                                  |
| Voltage DC            | 250 VDC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.1% 1kHz                                |
| Insulation Resistance | 3 GOhms                                  |
| Max dV/dt             | 100 V/us                                 |
| Resistance            | 4.8 mOhms (100kHz)                       |
| Ripple Current        | 14.2 Amps (100kHz 85C), 1000 Amps (Peak) |
| Inductance            | 18 nH                                    |