

## R76MW41005030K

## Aliases (76MW41005030K)

R76, Film, Double Metallized Polypropylene, General Purpose, 1 uF, 10%, 400 VDC, 85°C, Lead Spacing = 37.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 41.5mm +0.3/-0.7mm |
| н          | 22mm +0.1/-0.7mm   |
| т          | 11mm +0.3/-0.7mm   |
| S          | 37.5mm +/-0.4mm    |
| LL         | 25mm +2/-1mm       |
| F          | 1mm +/-0.05mm      |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | Tray |  |
| Packaging Quantity       | 252  |  |

| General Information |                                 |
|---------------------|---------------------------------|
| Series              | R76                             |
| Dielectric          | Double Metallized Polypropylene |
| Style               | Radial                          |
| Features            | Pulse                           |
| RoHS                | Yes                             |
| Lead                | Wire Leads                      |
| AEC-Q200            | No                              |
| Component Weight    | 12.05 g                         |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 1uF                                     |
| Capacitance Tolerance | 10%                                     |
| Voltage AC            | 250 VAC                                 |
| Voltage DC            | 400 VDC                                 |
| Temperature Range     | -55/+110°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz                 |
| Insulation Resistance | 30 GOhms                                |
| Max dV/dt             | 180 V/us                                |
| Resistance            | 5.57 mOhms (100kHz)                     |
| Ripple Current        | 11.5 Amps (100kHz 85C), 180 Amps (Peak) |
| Inductance            | 20 nH                                   |

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