

## R76MI31004030J

## Aliases (76MI31004030J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 400 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                    |  |
|------------|--------------------|--|
| L          | 18mm +/-0.5mm      |  |
| н          | 13.5mm +0.1/-0.5mm |  |
| т          | 7.5mm +0.2/-0.5mm  |  |
| S          | 15mm +/-0.4mm      |  |
| LL         | 30mm +5mm          |  |
| F          | 0.8mm +/-0.05mm    |  |

| Packaging          | Bulk, Bag |
|--------------------|-----------|
| Packaging Quantity | 700       |

| General Information |                                 |
|---------------------|---------------------------------|
| Series              | R76                             |
| Dielectric          | Double Metallized Polypropylene |
| Style               | Radial                          |
| Features            | Automotive Grade, Pulse         |
| RoHS                | Yes                             |
| Lead                | Wire Leads                      |
| Qualifications      | AEC-Q200                        |
| AEC-Q200            | Yes                             |
| Component Weight    | 2.3 g                           |

| Specifications            |                                      |
|---------------------------|--------------------------------------|
| Capacitance               | 0.1 uF                               |
| Capacitance Tolerance     | 5%                                   |
| Voltage AC                | 250 VAC                              |
| Voltage DC                | 400 VDC                              |
| Temperature Range         | -55/+110°C                           |
| Rated Temperature         | 85°C                                 |
| <b>Dissipation Factor</b> | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |
| Insulation Resistance     | 100 GOhms                            |
| Max dV/dt                 | 900 V/us                             |
| Resistance                | 11.14 mOhms (100kHz)                 |
| Ripple Current            | 6 Amps (100kHz 85C), 90 Amps (Peak)  |
| Inductance                | 10 nH                                |

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