

## R76PI23905030J

## Aliases (76PI23905030J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.039 uF, 5%, 630 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| н          | 12mm +0.1/-0.5mm |
| т          | 6mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 25mm +2/-1mm     |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |  |
|--------------------------|--|
| Packaging                |  |

| Packaging          | Bulk, Bag |
|--------------------|-----------|
| Packaging Quantity | 900       |

| 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    | 1.816 g                         |

| Specifications            |  |
|---------------------------|--|
| Capacitance               | 0.039 uF                               |
| Capacitance Tolerance     | 5%                                     |
| Voltage AC                | 400 VAC                                |
| Voltage DC                | 630 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                 | 3000 V/us                              |
| Resistance                | 16.32 mOhms (100kHz)                   |
| Ripple Current            | 4.7 Amps (100kHz 85C), 117 Amps (Peak) |
| Inductance                | 10 nH                                  |

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