

## R75GI3390DQ00J

Aliases (75GI3390DQ00J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.39 uF, 5%, 160 VDC, 85°C, 15 mm



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

### General Information

|                |  |
|----------------|--|
| Series         | R75  |
| Dielectric     | Metallized Polypropylene                         |
| Style          | Radial   |
| Features       | Automotive Grade, Pulse                          |
| RoHS           | Yes  |
| Termination    | Tinned Wire                                      |
| Lead           | Wire Leads                                       |
| Qualifications | AEC-Q200   |
| Miscellaneous  | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 18mm +/-0.5mm      |
| H  | 13.5mm +0.1/-0.5mm |
| T  | 7.5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm      |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 500                     |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 0.39 uF                                |
| Tolerance             | 5%                                     |
| Voltage DC            | 160 VDC                                |
| Voltage AC            | 90 VAC                                 |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                |
| Insulation Resistance | 76.9231 GOhms                          |
| Max dV/dt             | 120 V/us                               |
| ESR                   | 12.2 mOhms (100kHz)                    |
| Ripple Current        | 5.68 Amps (100kHz 85C), 47 Amps (Peak) |
| Inductance            | 10 nH                                  |

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