

## R76MI2330GY00J

Aliases (76MI2330GY00J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.033 uF, 5%, 400 VDC, 85°C, 15 mm



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### General Information

|                |                                 |
|----------------|---------------------------------|
| Series         | R76                             |
| Dielectric     | Double Metallized Polypropylene |
| Style          | Radial                          |
| Features       | Automotive Grade, Pulse         |
| RoHS           | Yes                             |
| Termination    | Tinned Wire                     |
| Lead           | Wire Leads                      |
| Qualifications | AEC-Q200                        |
| AEC-Q200       | Yes                             |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.033 uF                              |
| Tolerance             | 5%                                    |
| Voltage DC            | 400 VDC                               |
| Voltage AC            | 250 VAC                               |
| Temperature Range     | -55/+110°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz  |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 900 V/us                              |
| ESR                   | 19.29 mOhms (100kHz)                  |
| Ripple Current        | 4.1 Amps (100kHz 85C), 30 Amps (Peak) |
| Inductance            | 10 nH                                 |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 600 |

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