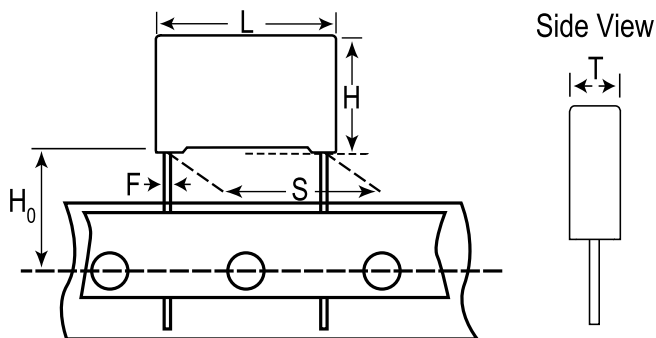


## R75QI2330GY00J

Aliases (75QI2330GY00J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.033 uF, 5%, 1,000 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                                         |
| AEC-Q200                 | Yes                                              |
| Typical Component Weight | 1.6 g                                            |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                        |
|-----------------------|----------------------------------------|
| Capacitance           | 0.033 uF                               |
| Tolerance             | 5%                                     |
| Voltage DC            | 1000 VDC                               |
| Voltage AC            | 300 VAC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz  |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 2,000 V/us                             |
| ESR                   | 33.8 mOhms (100kHz)                    |
| Ripple Current        | 3.25 Amps (100kHz 85C), 66 Amps (Peak) |
| Inductance            | 10 nH                                  |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 12mm +0.1/-0.5mm |
| T  | 6mm +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 | 500 |

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