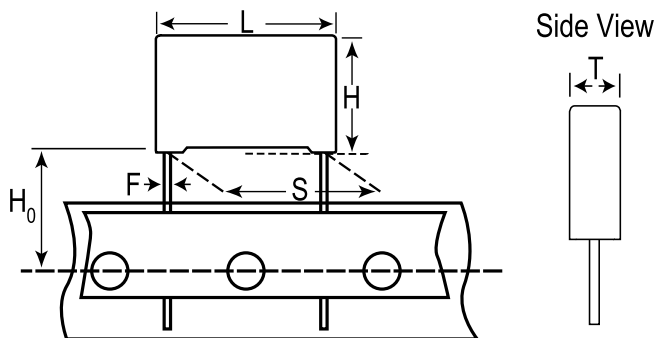


## R74NI2330CK00K

Aliases (74NI2330CK00K)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 0.033 uF, 10%, 1,300 VDC, 85°C, 15 mm



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

### General Information

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Series                   | R74                                              |
| 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 | 2.8 g                                            |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes                    | Series Replaced by R75.                          |

### Specifications

|                       |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.033 uF                              |
| Tolerance             | 10%                                   |
| Voltage DC            | 1300 VDC                              |
| Voltage AC            | 400 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                   | 24.1 mOhms (100kHz)                   |
| Ripple Current        | 4.2 Amps (100kHz 85C), 66 Amps (Peak) |
| Inductance            | 10 nH                                 |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 18mm +/-0.5mm      |
| H  | 14.5mm +0.1/-0.5mm |
| T  | 8.5mm +0.2/-0.5mm  |
| S  | 15mm +0.6/-0.1mm   |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, Large |
| Packaging Quantity | 700        |

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