

## R73PN31004000K

## Aliases (73PN31004000K)

R73, Film, Film/Foil Polypropylene, Automotive Grade, 0.1 uF, 10%, 630 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| Н          | 18.5mm +0.1/-0.5mm |
| т          | 10mm +0.2/-0.5mm   |
| S          | 22.5mm +/-0.4mm    |
| LL         | 30mm +5mm          |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 300       |  |

| General Information |   |  |
|---------------------|---|--|
| Series              | R73   |  |
| Dielectric          | Film/Foil Polypropylene                             |  |
| Style               | Radial  |  |
| Features            | Automotive Grade, Pulse                             |  |
| RoHS                | Yes   |  |
| Lead                | Wire Leads  |  |
| Qualifications      | AEC-Q200  |  |
| AEC-Q200            | Yes   |  |
| Component<br>Weight | 6.179 g   |  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is<br>1.25%/C. |  |

| Specifications        |                                      |  |  |
|-----------------------|--------------------------------------|--|--|
| Capacitance           | 0.1 uF                               |  |  |
| Capacitance Tolerance | 10%                                  |  |  |
| Voltage AC            | 300 VAC                              |  |  |
| Voltage DC            | 630 VDC                              |  |  |
| Temperature Range     | -55/+105°C                           |  |  |
| Rated Temperature     | 85°C                                 |  |  |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |  |  |
| Insulation Resistance | 100 GOhms                            |  |  |
| Max dV/dt             | 11000 V/us                           |  |  |
| Inductance            | 18 nH                                |  |  |

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