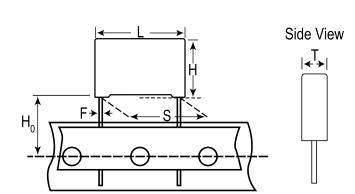


## R79PC2100DQ40K

Aliases (79PC2100DQ40K)

Not for New Design

R79, Film, Metallized Polypropylene, General Purpose, 0.01 uF, 10%, 630 VDC,  $85^{\circ}$ C, 5 mm



| Dimensions |                   |
|------------|-------------------|
| L          | 7.2mm +0.3/-0.5mm |
| Н          | 11mm +0.1/-0.5mm  |
| Т          | 6mm +0.1/-0.5mm   |
| S          | 5mm +0.6/-0.1mm   |
| НО         | 18.5mm +/-0.5mm   |
| F          | 0.5mm +/-0.05mm   |

| Packaging Specifications |                         |
|--------------------------|-------------------------|
| Packaging                | Ammo, 360x340x59mm, Box |
| Packaging Quantity       | 1400                    |

| General Information      |  |
|--------------------------|--|
| Series                   | R79  |
| Dielectric               | Metallized Polypropylene                         |
| Style                    | Radial   |
| Features                 | Pulse  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                      |
| Lead                     | Wire Leads                                       |
| AEC-Q200                 | No   |
| Typical Component Weight | 0.893 g  |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes                    | Series Replaced by R75.                          |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.01 uF                                |
| Tolerance             | 10%                                    |
| Voltage DC            | 630 VDC                                |
| Voltage AC            | 220 VAC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.06% 1kHz, 0.1% 10kHz, 0.3%<br>100kHz |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 600 V/us                               |
| Inductance            | 6 nH                                   |

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