

## R79GC3100DQ40K

Aliases (79GC3100DQ40K)

Not for New Design

R79, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 160 VDC, 85°C, Lead Spacing = 5mm



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

### Dimensions

|                |                   |
|----------------|-------------------|
| L              | 7.2mm +0.3/-0.5mm |
| H              | 10mm +0.1/-0.5mm  |
| T              | 5mm +0.1/-0.5mm   |
| S              | 5mm +0.6/-0.1mm   |
| H <sub>0</sub> | 18.5mm +/-0.5mm   |
| F              | 0.5mm +/-0.05mm   |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1700                    |

### General Information

|                  |  |
|------------------|--|
| Series           | R79  |
| Dielectric       | Metallized Polypropylene                         |
| Style            | Radial   |
| Features         | Pulse  |
| RoHS             | Yes  |
| Lead             | Wire Leads                                       |
| AEC-Q200         | No   |
| Component Weight | 0.701 g  |
| Miscellaneous    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes            | Series Replaced by R75.                          |

### Specifications

|                       |                                     |
|-----------------------|-------------------------------------|
| Capacitance           | 0.1 uF                              |
| Capacitance Tolerance | 10%                                 |
| Voltage AC            | 70 VAC                              |
| Voltage DC            | 160 VDC                             |
| Temperature Range     | -55/+105°C                          |
| Rated Temperature     | 85°C                                |
| Dissipation Factor    | 0.06% 1kHz, 0.1% 10kHz, 0.3% 100kHz |
| Insulation Resistance | 100 GOhms                           |
| Max dV/dt             | 100 V/us                            |
| Inductance            | 6 nH                                |