

## R73TN1680SE00J

Aliases (73TN1680SE00J)

R73, Film, Film/Foil Polypropylene, Automotive Grade, 6,800 pF, 5%, 1,600 VDC, 85°C, 22.5 mm



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | R73  |
| Dielectric               | Film/Foil Polypropylene                          |
| Style                    | Radial   |
| Features                 | Automotive Grade, Pulse                          |
| RoHS                     | Yes  |
| Termination              | Cut (Tinned Wire)                                |
| Lead                     | Cut  |
| Qualifications           | AEC-Q200   |
| AEC-Q200                 | Yes  |
| Typical Component Weight | 3.01 g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 6,800 pF                             |
| Tolerance             | 5%                                   |
| Voltage DC            | 1600 VDC                             |
| Voltage AC            | 450 VAC                              |
| 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             | 11,000 V/us                          |
| Inductance            | 18 nH                                |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 15mm +0.1/-0.5mm   |
| T  | 6mm +0.2/-0.5mm    |
| S  | 22.5mm +/-0.4mm    |
| LL | 4mm +2mm           |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 805       |

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