

## R76TI1330SE30J

## Aliases (76TI1330SE30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 3300 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| н          | 11mm +0.1/-0.5mm |
| т          | 5mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 4mm +2mm         |
| F          | 0.8mm +/-0.05mm  |

| Packaging          | Bulk, Bag |
|--------------------|-----------|
| Packaging Quantity | 2000      |

| General Information |                                 |
|---------------------|---------------------------------|
| Series              | R76                             |
| Dielectric          | Double Metallized Polypropylene |
| Style               | Radial                          |
| Features            | Automotive Grade, Pulse         |
| RoHS                | Yes                             |
| Lead                | Cut                             |
| Qualifications      | AEC-Q200                        |
| AEC-Q200            | Yes                             |
| Component Weight    | 1.25 g                          |

| Specifications            |                                       |  |
|---------------------------|---------------------------------------|--|
| Capacitance               | 3300 pF                               |  |
| Capacitance Tolerance     | 5%                                    |  |
| Voltage AC                | 650 VAC                               |  |
| Voltage DC                | 1600 VDC                              |  |
| Temperature Range         | -55/+110°C                            |  |
| Rated Temperature         | 85°C                                  |  |
| <b>Dissipation Factor</b> | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz  |  |
| Insulation Resistance     | 100 GOhms                             |  |
| Max dV/dt                 | 6000 V/us                             |  |
| Resistance                | 192.92 mOhms (100kHz)                 |  |
| Ripple Current            | 1.3 Amps (100kHz 85C), 20 Amps (Peak) |  |
| Inductance                | 10 nH                                 |  |

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