

## R76UI1270CK30J

Aliases (76UI1270CK30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 2700 pF, 5%, 2000 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    |  |
| НО         | 18.5mm +/-0.5mm  |  |
| F          | 0.8mm +/-0.05mm  |  |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Packaging                | T&R, Large |  |
| Packaging Quantity       | 1250       |  |

| General Information |                                 |  |
|---------------------|---------------------------------|--|
| Series              | R76                             |  |
| Dielectric          | Double Metallized Polypropylene |  |
| Style               | Radial                          |  |
| Features            | Automotive Grade, Pulse         |  |
| RoHS                | Yes                             |  |
| Lead                | Wire Leads                      |  |
| Qualifications      | AEC-Q200                        |  |
| AEC-Q200            | Yes                             |  |

| Specifications        |                                       |  |  |
|-----------------------|---------------------------------------|--|--|
| Capacitance           | 2700 pF                               |  |  |
| Capacitance Tolerance | 5%                                    |  |  |
| Voltage AC            | 700 VAC                               |  |  |
| Voltage DC            | 2000 VDC                              |  |  |
| Temperature Range     | -55/+110°C                            |  |  |
| Rated Temperature     | 85°C                                  |  |  |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz  |  |  |
| Insulation Resistance | 100 GOhms                             |  |  |
| Max dV/dt             | 9500 V/us                             |  |  |
| Resistance            | 235.79 mOhms (100kHz)                 |  |  |
| Ripple Current        | 1.2 Amps (100kHz 85C), 26 Amps (Peak) |  |  |
| Inductance            | 10 nH                                 |  |  |

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