

## R76IF2820JH30J

Aliases (76IF2820JH30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.082 uF, 5%, 250 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions | ,                 |
|------------|-------------------|
| L          | 13mm +0.2/-0.5mm  |
| Н          | 12mm +0.1/-0.5mm  |
| Т          | 6mm +0.2/-0.5mm   |
| S          | 10mm +/-0.4mm     |
| LL         | 3.2mm +0.3/-0.2mm |
| F          | 0.6mm +/-0.05mm   |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 1000      |

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

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.082 uF                              |
| Capacitance Tolerance | 5%                                    |
| Voltage AC            | 180 VAC                               |
| Voltage DC            | 250 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             | 1000 V/us                             |
| Resistance            | 13.59 mOhms (100kHz)                  |
| Ripple Current        | 4.8 Amps (100kHz 85C), 82 Amps (Peak) |
| Inductance            | 9 nH                                  |

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