

## R76II3120JE30K

## Aliases (76II3120JE30K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.12 uF, 10%, 250 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| н          | 12mm +0.1/-0.5mm |
| т          | 6mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 4mm +0.5mm       |
| F          | 0.8mm +/-0.05mm  |

Bag

| Packaging Specifications |       |
|--------------------------|-------|
| Packaging                | Bulk, |
| Packaging Quantity       | 1750  |

| 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           | 0.12 uF                               |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 180 VAC                               |
| Voltage DC            | 250 VDC                               |
| Temperature Range     | -55/+110°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz               |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 550 V/us                              |
| Resistance            | 13.26 mOhms (100kHz)                  |
| Ripple Current        | 5.2 Amps (100kHz 85C), 66 Amps (Peak) |
| Inductance            | 10 nH                                 |

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