

## R76MN3120JH30J

Aliases (76MN3120JH30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.12 uF, 5%, 400 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| Н          | 15mm +0.1/-0.5mm   |
| Т          | 6mm +0.2/-0.5mm    |
| S          | 22.5mm +/-0.4mm    |
| LL         | 3.2mm +0.3/-0.2mm  |
| F          | 0.8mm +/-0.05mm    |

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

| 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    | 2.86 g                          |

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.12 uF                               |
| Capacitance Tolerance | 5%                                    |
| Voltage AC            | 250 VAC                               |
| Voltage DC            | 400 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             | 500 V/us                              |
| Resistance            | 19.89 mOhms (100kHz)                  |
| Ripple Current        | 4.8 Amps (100kHz 85C), 60 Amps (Peak) |
| Inductance            | 16 nH                                 |

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