

## R75II3120DQ30J

Aliases (75II3120DQ30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.12 uF, 5%, 250 VDC, 85°C, 15 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Series                   | R75                                              |
| Dielectric               | Metallized Polypropylene                         |
| Style                    | Radial                                           |
| Features                 | Automotive Grade, Pulse                          |
| RoHS                     | Yes                                              |
| Termination              | Tinned Wire                                      |
| Lead                     | Wire Leads                                       |
| Qualifications           | AEC-Q200                                         |
| AEC-Q200                 | Yes                                              |
| Typical Component Weight | 1.656 g                                          |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                     |
|-----------------------|-------------------------------------|
| Capacitance           | 0.12 uF                             |
| Tolerance             | 5%                                  |
| Voltage DC            | 250 VDC                             |
| Voltage AC            | 160 VAC                             |
| Temperature Range     | -55/+105°C                          |
| Rated Temperature     | 85°C                                |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz             |
| Insulation Resistance | 100 GOhms                           |
| Max dV/dt             | 310 V/us                            |
| ESR                   | 13.3 mOhms (100kHz)                 |
| Ripple Current        | 5 Amps (100kHz 85C), 37 Amps (Peak) |
| Inductance            | 10 nH                               |

### Dimensions

|    |                  |
|----|------------------|
| L  | 18mm +0.3/-0.5mm |
| H  | 11mm +0.1/-0.5mm |
| T  | 5mm +0.2/-0.5mm  |
| S  | 15mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.8mm +/-0.05mm  |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 800                     |

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