

## R75TR3120AAH3J

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.12 uF, 5%, 1600 VDC, 105°C, Lead Spacing = 27.5mm



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| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| Н          | 20mm +0.1/-0.7mm |
| Т          | 11mm +0.2/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 4mm +2mm         |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 560       |

| General Information |   |  |
|---------------------|---|--|
| Series              | R75H  |  |
| Dielectric          | Metallized Polypropylene                          |  |
| Style               | Radial  |  |
| Features            | Automotive Grade, Pulse                           |  |
| RoHS                | Yes   |  |
| Lead                | Cut   |  |
| Qualifications      | AEC-Q200  |  |
| AEC-Q200            | Yes   |  |
| Miscellaneous       | Above 105C DC And AC Voltage Derating Is 1.25%/C. |  |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 0.12 uF                                 |
| Capacitance Tolerance | 5%                                      |
| Voltage AC            | 650 VAC                                 |
| Voltage DC            | 1600 VDC                                |
| Temperature Range     | -55/+125°C                              |
| Rated Temperature     | 105°C                                   |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                 |
| Insulation Resistance | 100 GOhms                               |
| Max dV/dt             | 1500 V/us                               |
| Resistance            | 26.5 mOhms (100kHz)                     |
| Ripple Current        | 8.28 Amps (100kHz 90C), 180 Amps (Peak) |
| Inductance            | 18 nH                                   |

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