

R75H, Film, Metallized Polypropylene, Automotive Grade, 0.12 uF, 5%, 1600 VDC, 105°C, Lead Spacing = 22.5mm



**Dimensions**

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 22mm +0.1/-0.5mm   |
| T  | 13mm +0.2/-0.5mm   |
| S  | 22.5mm +/-0.4mm    |
| LL | 25mm +2/-1mm       |
| F  | 0.8mm +/-0.05mm    |

**Packaging Specifications**

|                     |           |
|---------------------|-----------|
| Packaging:          | Bulk, Bag |
| Packaging Quantity: | 200       |

**General Information**

|                   |   |
|-------------------|---|
| Series:           | R75H  |
| Dielectric:       | Metallized Polypropylene                          |
| Style:            | Radial  |
| Features:         | Automotive Grade, Pulse                           |
| RoHS:             | Yes   |
| Lead:             | Wire Leads  |
| Qualifications:   | AEC-Q200  |
| AEC-Q200:         | Yes   |
| Component Weight: | 9.3 g   |
| 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:             | 3000 V/us                               |
| Resistance:            | 26.5 mOhms (100kHz)                     |
| Ripple Current:        | 8.29 Amps (100kHz 90C), 360 Amps (Peak) |
| Inductance:            | 16 nH                                   |

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