

R75H, Film, Metallized Polypropylene, Automotive Grade, 2.2 uF, 5%, 630 VDC, 105°C, Lead Spacing = 27.5mm



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

| Dimensions | |
|------------|------------------|
| L | 32mm +0.3/-0.7mm |
| H | 33mm +0.1/-0.7mm |
| T | 18mm +0.2/-0.7mm |
| S | 27.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 128 |

| Specifications | |
|------------------------|--|
| Capacitance: | 2.2 uF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 250 VAC |
| Voltage DC: | 630 VDC |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 105°C |
| Dissipation Factor: | 0.06% 1kHz |
| Insulation Resistance: | 13.6364 GOhms |
| Max dV/dt: | 180 V/us |
| Resistance: | 0.5 mOhms (100kHz) |
| Ripple Current: | 10.98 Amps (100kHz 90C), 396 Amps (Peak) |
| Inductance: | 18 nH |

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