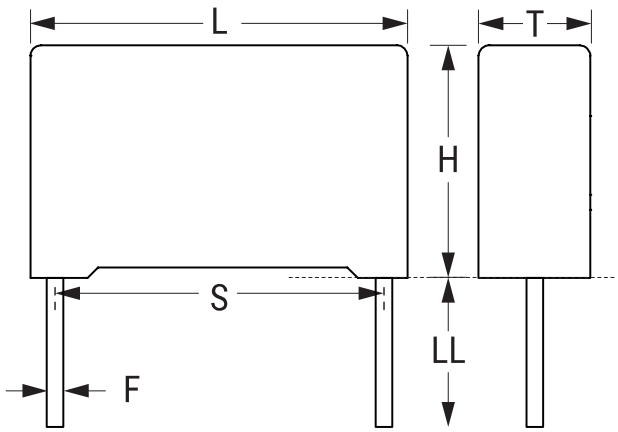
# R75PR412050H4J

Aliases (75PR412050H4J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 1.2 uF, 5%, 630 VDC, 105°C, 27.5 mm




Click here for the 3D model.

| General Information | |
|---|---|
| Series | R75H |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| Typical Component Weight | 14.5 g |
| Miscellaneous | Above 105C DC And AC Voltage Derating Is 1.25%/C. |

| Dimensions | |
|---|---|
| L | 32mm +0.3/-0.7mm |
| H | 28mm +0.1/-0.7mm |
| T | 14mm +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 | 176 |

| Specifications | |
|---|---|
| Capacitance | 1.2 uF |
| Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 250 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 105°C |
| Dissipation Factor | 0.06% 1kHz |
| Insulation Resistance | 25 GOhms |
| Max dV/dt | 180 V/us |
| ESR | 13.3 mOhms (100kHz) |
| Ripple Current | 7.6 Amps (100kHz 90C), 216 Amps (Peak) |
| Inductance | 18 nH |

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