

R75PN41205030J

Aliases (75PN41205030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 1.2 uF, 5%, 630 VDC, 85°C, 22.5 mm



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General Information

| | |
|----------------|--|
| Series | R75 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Termination | Tinned Wire |
| Lead | Wire Leads |
| Qualifications | AEC-Q200 |
| Miscellaneous | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

Dimensions

| | |
|----|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| H | 29.5mm +0.1/-0.5mm |
| T | 14.5mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

Packaging Specifications

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|--------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 120 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1.2 uF |
| Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 250 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Insulation Resistance | 25 GOhms |
| Max dV/dt | 400 V/us |
| ESR | 7.96 mOhms (100kHz) |
| Ripple Current | 9.6 Amps (100kHz 85C), 400 Amps (Peak) |
| Inductance | 16 nH |

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