

R75PC2100Z340J

Aliases (75PC2100Z340J)

R75, Film, Metallized Polypropylene, General Purpose, 0.01 uF, 5%, 630 VDC, 85°C, 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 |
| Typical Component Weight | 0.893 g |
| Miscellaneous | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

Dimensions

| | |
|----|-------------------|
| L | 7.2mm +0.3/-0.5mm |
| H | 11mm +0.1/-0.5mm |
| T | 6mm +0.1/-0.5mm |
| S | 5mm +/-0.4mm |
| LL | 17mm +/-2mm |
| F | 0.5mm +/-0.05mm |

Packaging Specifications

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|--------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 1000 |

Specifications

| | |
|-----------------------|--|
| Capacitance | 0.01 uF |
| Tolerance | 5% |
| Voltage DC | 630 VDC |
| Voltage AC | 220 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.03% 1kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 600 V/us |
| ESR | 477.5 mOhms (100kHz) |
| Ripple Current | 0.715 Amps (100kHz 85C), 6 Amps (Peak) |
| Inductance | 7 nH |

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