

F462RB184K1K6Z

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.18 uF, 10%, 1,600 VDC, 85°C, 37.5 mm



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|---|
| Series | F462 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Termination | Cut (Tinned Wire) |
| Lead | Cut/Short |
| AEC-Q200 | No |
| Typical Component Weight | 14 g |
| Miscellaneous | The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56. |
| Notes | Series Replaced by R75. |

Dimensions

| | |
|----|-----------------|
| L | 41mm -0.7mm |
| H | 22mm -0.7mm |
| T | 11mm -0.7mm |
| S | 37.5mm +/-0.5mm |
| LL | 4mm +2mm |
| F | 1mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

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|--------------------|------------|
| Packaging | Pizza, Box |
| Packaging Quantity | 210 |

Specifications

| | |
|-----------------------|--------------------------|
| Capacitance | 0.18 uF |
| Tolerance | 10% |
| Voltage DC | 1600 VDC, 960 VDC (105C) |
| Voltage AC | 500 VAC |
| Temperature Range | -55/ +105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 300 V/us |
| Inductance | 6 nH |

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