

F462AK272K1K6L

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 2700 pF, 10%, 1600 VDC, 85°C, Lead Spacing = 10mm



General Information

| | |
|------------------|---|
| Series | F462 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Component Weight | 1.761 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. |

Specifications

| | |
|-----------------------|---------------------------------------|
| Capacitance | 2700 pF |
| Capacitance Tolerance | 10% |
| Voltage AC | 500 VAC |
| Voltage DC | 1600 VDC, 960 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| Insulation Resistance | 100 GOhms |
| Max dV/dt | 6000 V/us |
| Inductance | 6 nH |

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

Dimensions

| | |
|----------------|------------------|
| L | 13mm -0.5mm |
| H | 11mm -0.5mm |
| T | 5mm -0.5mm |
| S | 10mm +0.6/-0.1mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.6mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

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|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 600 |

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