

F462AK272J1K6A

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 2700 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| L | 13mm -0.5mm |
| Н | 11mm -0.5mm |
| Т | 5mm -0.5mm |
| S | 10mm +/-0.4mm |
| LL | 17mm +0/-1mm |
| F | 0.6mm +/-0.05mm |
| G | 0.5mm NOM |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 2000 |

| General Information | |
|---------------------|-----------------------------------------------------------------------------------------------|
| Series | F462 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Component Weight | 1.16 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 | 5% | |
| 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 | |

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