

F462BC822K1K6C

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 8200 pF, 10%, 1600 VDC, 85°C, Lead Spacing = 15mm



Click here for the 3D model.

| Dimensions | , |
|------------|-----------------|
| L | 18mm -0.5mm |
| Н | 11mm -0.5mm |
| Т | 5mm -0.5mm |
| S | 15mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

| Packaging | Bulk, Bag |
|--------------------|-----------|
| Packaging Quantity | 1000 |

| General Information | |
|---------------------|---|
| Series | F462 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Lead | Cut/Short |
| AEC-Q200 | No |
| Component Weight | 1.515 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 | 8200 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 | 4500 V/us | | | |
| Inductance | 6 nH | | | |

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