

F462DB153K1K6Z

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.015 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



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

Dimensions

| | |
|----|-----------------|
| L | 26mm -0.5mm |
| H | 14.5mm -0.5mm |
| T | 6mm -0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

| | |
|--------------------|------------|
| Packaging | Pizza, Box |
| Packaging Quantity | 660 |

General Information

| | |
|------------------|---|
| Series | F462 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Lead | Cut/Short |
| AEC-Q200 | No |
| Component Weight | 3.68 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 | 0.015 uF |
| 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 | 1800 V/us |
| Inductance | 6 nH |