

F461DY105K630L

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 1 μ F, 10%, 630 VDC, 85°C, Lead Spacing = 22.5mm



General Information

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|------------------|---|
| Series | F461 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | MKP, Pulse |
| RoHS | Yes |
| Lead | Wire Leads |
| AEC-Q200 | No |
| Component Weight | 15.93 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

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|-----------------------|-------------------------|
| Capacitance | 1 μ F |
| Capacitance Tolerance | 10% |
| Voltage AC | 250 VAC |
| Voltage DC | 630 VDC, 378 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.06% 10kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 400 V/us |
| Inductance | 6 nH |

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

Dimensions

| | |
|----------------|--------------------|
| L | 26mm -0.5mm |
| H | 24.5mm -0.5mm |
| T | 15.5mm -0.5mm |
| S | 22.5mm +0.6/-0.1mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

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|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 120 |

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