

F461, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 630 VDC, 85°C, Lead Spacing = 22.5mm



| General Information |   |
|---------------------|---|
| Series:             | F461  |
| Dielectric:         | Metallized Polypropylene  |
| Style:              | Radial  |
| Features:           | MKP, Pulse  |
| RoHS:               | Yes   |
| Lead:               | Wire Leads  |
| AEC-Q200:           | No  |
| Component Weight:   | 12.96 g   |
| Miscellaneous:      | The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56. |

| Dimensions |                 |
|------------|-----------------|
| L          | 26mm -0.5mm     |
| H          | 24.5mm -0.5mm   |
| T          | 15.5mm -0.5mm   |
| S          | 22.5mm +/-0.4mm |
| LL         | 17mm +0/-1mm    |
| F          | 0.8mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Specifications         |                         |
|------------------------|-------------------------|
| Capacitance:           | 1 uF                    |
| Capacitance Tolerance: | 5%                      |
| 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                    |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | Pizza, Box |
| Packaging Quantity:      | 252        |