

F462, Film, Metallized Polypropylene, General Purpose, 0.01 uF, 5%, 1250 VDC, 85°C, Lead Spacing = 10mm



### General Information

|                       |                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------|
| <b>Series:</b>        | F462                                                                                         |
| <b>Dielectric:</b>    | Metallized Polypropylene                                                                     |
| <b>Style:</b>         | Radial                                                                                       |
| <b>Features:</b>      | MKP, Pulse                                                                                   |
| <b>RoHS:</b>          | Yes                                                                                          |
| <b>Lead:</b>          | Wire Leads                                                                                   |
| <b>Miscellaneous:</b> | The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56 |

### Dimensions

|           |                 |
|-----------|-----------------|
| <b>L</b>  | 13mm MAX        |
| <b>H</b>  | 11mm MAX        |
| <b>T</b>  | 5mm MAX         |
| <b>S</b>  | 10mm +/-0.4mm   |
| <b>LL</b> | 17mm +0/-1mm    |
| <b>F</b>  | 0.6mm +/-0.05mm |
| <b>G</b>  | 0.5mm NOM       |

### Packaging Specifications

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 2000      |

### Specifications

|                               |                                       |
|-------------------------------|---------------------------------------|
| <b>Capacitance:</b>           | 0.01 uF                               |
| <b>Capacitance Tolerance:</b> | 5%                                    |
| <b>Voltage AC:</b>            | 400 VAC                               |
| <b>Voltage DC:</b>            | 1250 VDC, 750 VDC (105C)              |
| <b>Temperature Range:</b>     | -55/+105°C                            |
| <b>Rated Temperature:</b>     | 85°C                                  |
| <b>Dissipation Factor:</b>    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |
| <b>Insulation Resistance:</b> | 100 GOhms                             |
| <b>Max dV/dt:</b>             | 2200 V/us                             |
| <b>Inductance:</b>            | 6 nH                                  |