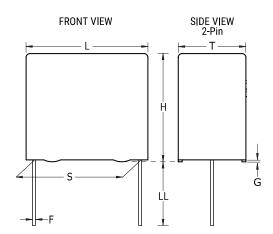


## F462DI683K1L2Z

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.068 uF, 10%, 1,250 VDC, 85°C, 22.5 mm



Click here for the 3D model.

| General Information      |   |
|--------------------------|---|
|                          |   |
| Series                   | F462  |
| Dielectric               | Metallized Polypropylene  |
| Style                    | Radial  |
| Features                 | MKP, Pulse  |
| RoHS                     | Yes   |
| Termination              | Cut (Tinned Wire)   |
| Lead                     | Cut/Short   |
| AEC-Q200                 | No  |
| Typical Component Weight | 4.34 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.   |

| Dimensions |                 |
|------------|-----------------|
| L          | 26mm -0.5mm     |
| Н          | 16mm -0.5mm     |
| Т          | 7mm -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       | 564        |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 0.068 uF                                 |
| Tolerance             | 10%                                      |
| Voltage DC            | 1250 VDC, 750 VDC (105C)                 |
| Voltage AC            | 400 VAC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25%<br>100kHz |
| Insulation Resistance | 100 GOhms                                |
| Max dV/dt             | 800 V/us                                 |
| Inductance            | 6 nH                                     |

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