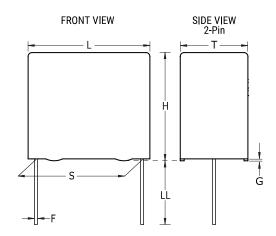


## F462FN684J1K0Z

Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 1,000 VDC, 85°C, 27.5 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 | 14.3 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          | 31.5mm -0.7mm   |
| н          | 28mm -0.7mm     |
| Т          | 14mm -0.7mm     |
| S          | 27.5mm +/-0.4mm |
| LL         | 4mm +2mm        |
| F          | 0.8mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | Pizza, Box |
| Packaging Quantity       | 230        |

| Specifications        |                          |
|-----------------------|--------------------------|
| Capacitance           | 0.68 uF                  |
| Tolerance             | 5%                       |
| Voltage DC            | 1000 VDC, 600 VDC (105C) |
| Voltage AC            | 300 VAC                  |
| Temperature Range     | -55/+105°C               |
| Rated Temperature     | 85°C                     |
| Dissipation Factor    | 0.05% 1kHz, 0.06% 10kHz  |
| Insulation Resistance | 44.118 GOhms             |
| Max dV/dt             | 200 V/us                 |
| Inductance            | 6 nH                     |

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