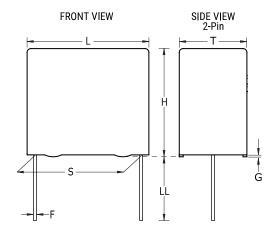


F461FR685J250Z

Not for New Design F461, Film, Metallized Polypropylene, General Purpose, 6.8 uF, 5%, 250 VDC, 85°C, 27.5 mm



Click here for the 3D model.

| General Information      |  |
|--------------------------|--|
| Series                   | F461   |
| Dielectric               | Metallized Polypropylene   |
| Style                    | Radial   |
| Features                 | MKP, Pulse   |
| RoHS                     | Yes  |
| Termination              | Cut (Tinned Wire)  |
| Lead                     | Cut/Short  |
| AEC-Q200                 | No   |
| Typical Component Weight | 17 g   |
| Miscellaneous            | The Rated Voltage Decreases<br>2%/C Between +85C And +105C<br>(1.25%/C For AC). ClimCat:<br>55/105/56. |
| Notes                    | Series Replaced by R75.  |

| Dimensions |                 |
|------------|-----------------|
| L          | 31.5mm -0.7mm   |
| н          | 28mm -0.7mm     |
| Т          | 17.5mm -0.7mm   |
| S          | 27.5mm +/-0.4mm |
| LL         | 4mm +2mm        |
| F          | 0.8mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Specifications        |                         |
|-----------------------|-------------------------|
| Capacitance           | 6.8 uF                  |
| Tolerance             | 5%                      |
| Voltage DC            | 250 VDC, 150 VDC (105C) |
| Voltage AC            | 160 VAC                 |
| Temperature Range     | -55/+105°C              |
| Rated Temperature     | 85°C                    |
| Dissipation Factor    | 0.1% 1kHz               |
| Insulation Resistance | 4.412 GOhms             |
| Max dV/dt             | 100 V/us                |
| Inductance            | 6 nH                    |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | Pizza, Box |
| Packaging Quantity       | 190        |

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