

## F461BY684J400Z

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 400 VDC, 85°C, 15 mm





| Click | here | for the | <sup>2</sup> 3D | model. |
|-------|------|---------|-----------------|--------|
| CIICK | Hele | 101 111 | = 20            | 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 | 5.193 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          | 18mm -0.5mm     |
| н          | 19mm -0.5mm     |
| Т          | 11mm -0.5mm     |
| S          | 15mm +/-0.4mm   |
| LL         | 4mm +2mm        |
| F          | 0.8mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Packaging Specifications |            |  |  |
|--------------------------|------------|--|--|
| Packaging                | Pizza, Box |  |  |
| Packaging Quantity       | 510        |  |  |

| Specifications        |                         |
|-----------------------|-------------------------|
| Capacitance           | 0.68 uF                 |
| Tolerance             | 5%                      |
| Voltage DC            | 400 VDC, 240 VDC (105C) |
| Voltage AC            | 220 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             | 900 V/us                |
| Inductance            | 6 nH                    |

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