

F462DP104J1K6Z Not for New Design F462, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 26mm -0.5mm     |
| н          | 20mm -0.5mm     |
| т          | 11mm -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 | 360        |

| General Information |   |
|---------------------|---|
| Series              | F462  |
| Dielectric          | Metallized Polypropylene  |
| Style               | Radial  |
| Features            | MKP, Pulse  |
| RoHS                | Yes   |
| Lead                | Cut/Short   |
| AEC-Q200            | No  |
| Component<br>Weight | 7.758 g   |
| Miscellaneous       | The Rated Voltage Decreases 2%/C Between<br>+85C And +105C (1.25%/C For AC). ClimCat:<br>55/105/56. |
| Notes               | Series Replaced by R75.   |
|                     |   |

| Specifications        |                                       |  |  |
|-----------------------|---------------------------------------|--|--|
| Capacitance           | 0.1 uF                                |  |  |
| Capacitance Tolerance | 5%                                    |  |  |
| Voltage AC            | 500 VAC                               |  |  |
| Voltage DC            | 1600 VDC, 960 VDC (105C)              |  |  |
| Temperature Range     | -55/+105°C                            |  |  |
| Rated Temperature     | 85°C                                  |  |  |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz |  |  |
| Insulation Resistance | 100 GOhms                             |  |  |
| Max dV/dt             | 1800 V/us                             |  |  |
| Inductance            | 6 nH                                  |  |  |

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