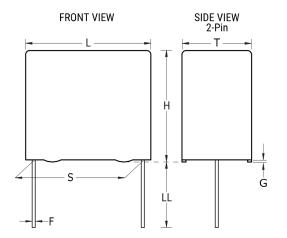


F462DM154J1KOZ Not for New Design

F462, Film, Metallized Polypropylene, General Purpose, 0.15 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 26mm -0.5mm     |
| н          | 18.5mm -0.5mm   |
| т          | 9mm -0.5mm      |
| S          | 22.5mm +/-0.4mm |
| LL         | 4mm +2mm        |
| F          | 0.8mm +/-0.05mm |
| G          | 0.5mm NOM       |

## Packaging Specifications

|                        | , Box |
|------------------------|-------|
| Packaging Quantity 444 |       |

| General Information |   |
|---------------------|---|
| Series              | F462  |
| Dielectric          | Metallized Polypropylene  |
| Style               | Radial  |
| Features            | MKP, Pulse  |
| RoHS                | Yes   |
| Lead                | Cut/Short   |
| AEC-Q200            | No  |
| Component<br>Weight | 6.207 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           | 0.15 uF                  |
| Capacitance Tolerance | 5%                       |
| Voltage AC            | 300 VAC                  |
| Voltage DC            | 1000 VDC, 600 VDC (105C) |
| Temperature Range     | -55/+105°C               |
| Rated Temperature     | 85°C                     |
| Dissipation Factor    | 0.05% 1kHz, 0.06% 10kHz  |
| Insulation Resistance | 100 GOhms                |
| Max dV/dt             | 600 V/us                 |
| Inductance            | 6 nH                     |

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