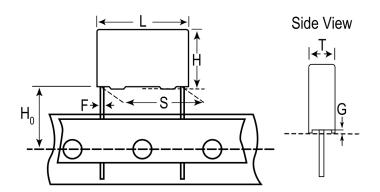


## F612JG154J100R

F612, Film, Metallized Polyester Stacked, General Purpose, 0.15 uF, 5%, 100 VDC, 85°C, Lead Spacing = 5mm



| General Information |  |  |
|---------------------|--|--|
| Series              | F612   |  |
| Dielectric          | Metallized Polyester Stacked   |  |
| Style               | Radial   |  |
| Features            | MKT (Stacked), DC Multipurpose Applications  |  |
| RoHS                | Yes  |  |
| Lead                | Wire Leads   |  |
| AEC-Q200            | No   |  |
| Component<br>Weight | 0.38 g   |  |
| Miscellaneous       | The Rated Voltage Decreases 1.25%/C Between<br>+85C And +105C (For +125C, Please Consult<br>Kemet). This 5% tolerance part is available on<br>request. ClimCat: 55/105/56. |  |

| Specifications        |                        |  |
|-----------------------|------------------------|--|
| Capacitance           | 0.15 uF                |  |
| Capacitance Tolerance | 5%                     |  |
| Voltage AC            | 63 VAC                 |  |
| Voltage DC            | 100 VDC, 75 VDC (105C) |  |
| Temperature Range     | -55/+105°C             |  |
| Rated Temperature     | 85°C                   |  |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz  |  |
| Insulation Resistance | 15 GOhms               |  |
| Max dV/dt             | 200 V/us               |  |
| Inductance            | 6 nH                   |  |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm -0.5mm    |
| н          | 7.5mm -0.5mm    |
| т          | 3.5mm -0.5mm    |
| S          | 5mm +/-0.4mm    |
| НО         | 18.5mm +/-0.5mm |
| F          | 0.5mm +/-0.05mm |
| G          | 0.5mm NOM       |

## **Packaging Specifications**

Packaging Packaging Quantity Ammo, 360x340x59mm, Box 2500

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