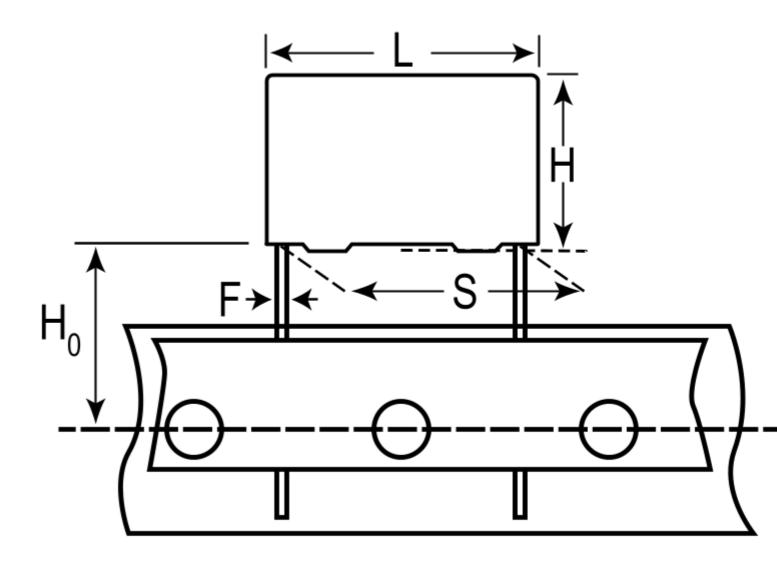
F612JF823J100R

F612, Film, Metallized Polyester Stacked, General Purpose, 0.082 uF, 5%, 100 VDC, 85°C, Lead Spacing = 5mm



Click <u>here</u> for the 3D model. **Dimensions**

- L 7.2mm -0.5mm
- H 6.5mm -0.5mm
- T 2.5mm -0.5mm
- S 5mm +/-0.4mm

Dimensions

H0 18.5mm +/-0.5mm

F 0.5mm +/-0.05mm

G 0.5mm NOM

Packaging Specifications

Packaging Ammo, 360x340x59mm, Box

Packaging Quantity 3500

General Information

| Series F | 612 |
|---------------------------|---|
| Dielectric M | Aetallized Polyester Stacked |
| Style R | ladial |
| Features M | IKT (Stacked), DC Multipurpose Applications |
| RoHS Y | /es |
| Lead W | Vire Leads |
| AEC-Q200 N | lo |
| Component Weight 0. | .331 g |
| Miscellaneous + | The Rated Voltage Decreases 1.25%/C Between +85C And +105C (For 125C, Please Consult Kemet). This 5% tolerance part is available on equest. ClimCat: 55/105/56. |
| Specifications | |
| Capacitance | 0.082 uF |
| Capacitance Tolerance 5% | |
| Voltage AC | 63 VAC |
| Voltage DC | 100 VDC, 75 VDC (105C) |
| Temperature Rang | ge -55/+105°C |
| Rated Temperature | e 85°C |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistan | nce 15 GOhms |
| Max dV/dt | 200 V/us |
| Inductance | 6 nH |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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