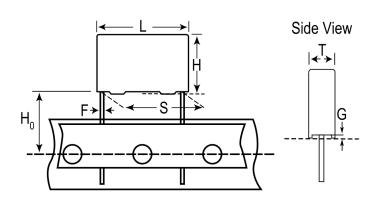


## F611BY825J100L

Obsolete

F611, Film, Metallized Polyester, General Purpose, 8.2 uF, 5%, 100 VDC, 85°C, 15mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 18mm -0.5mm     |
| Н          | 19mm -0.5mm     |
| Т          | 11mm -0.5mm     |
| S          | 15mm +/-0.4mm   |
| НО         | 18.5mm +/-0.5mm |
| F          | 0.8mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Packaging Specifications |     |
|--------------------------|-----|
| Packaging                | T&R |
| Packaging Quantity       | 250 |

| General Information |   |  |
|---------------------|---|--|
| Series              | F611  |  |
| Dielectric          | Metallized Polyester  |  |
| Style               | Radial  |  |
| Features            | MKT (Wound), DC Multipurpose Applications   |  |
| RoHS                | Yes   |  |
| Lead                | Wire Leads  |  |
| AEC-Q200            | No  |  |
| Miscellaneous       | The Rated Voltage Decreases 1.25%/C Between +85C And +105C (For +125C, Please Consult KEMET). This 5% tolerance part is available on request. ClimCat: 55/105/56. |  |

| Specifications        |                        |
|-----------------------|------------------------|
| Capacitance           | 8.2 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    | 1.2% 1kHz              |
| Insulation Resistance | 610 MOhms              |
| Max dV/dt             | 8 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.