



Click [here](#) for the 3D model.

General Information

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|---------------|---|
| Series | F612 |
| Dielectric | Metallized Polyester Stacked |
| Style | Radial |
| Features | MKT (Stacked), DC Multipurpose Applications |
| RoHS | Yes |
| Termination | Tinned Wire |
| 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

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|-----------------------|------------------------------------|
| Capacitance | 1,800 pF |
| Tolerance | 5% |
| Voltage DC | 100 VDC, 75 VDC (105C) |
| Voltage AC | 63 VAC |
| Temperature Range | -55/ +105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 15 GOhms |
| Max dV/dt | 200 V/us |
| Inductance | 6 nH |

Dimensions

| | |
|----|-----------------|
| L | 7.2mm -0.5mm |
| H | 6.5mm -0.5mm |
| T | 2.5mm -0.5mm |
| S | 5mm +/-0.4mm |
| H0 | 18.5mm +/-0.5mm |
| F | 0.5mm +/-0.05mm |
| G | 0.5mm NOM |

Packaging Specifications

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|--------------------|-------------------------|
| Packaging | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 3500 |