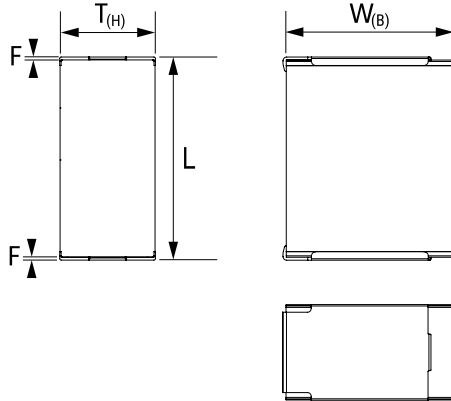


SMC16.5105J100C31TR24

Aliases (F125ZS105J100V, SMC100DC7100JC31T1)
SMC/F125, Film, Metallized PPS, General Purpose, 1 uF, 5%, 100 VDC, 63 VAC, 100°C, 7 mm, 6560 / 165152



Note: '()' correspond to the letters used in the product bulletin

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

General Information

| | |
|--------------------------|----------------|
| Series | SMC/F125 |
| Dielectric | Metallized PPS |
| Style | SMD Chip |
| Features | High Stability |
| RoHS | Yes |
| Typical Component Weight | 2.02 g |
| Shelf Life | 104 Weeks |
| MSL | 2 |

Dimensions

| | |
|----------------------|-----------------|
| L | 16.5mm +/-0.2mm |
| W | 15mm +/-0.2mm |
| T | 7mm +/-0.2mm |
| F | 0.5mm NOM |
| Case Code (EIA / mm) | 6560 / 165152 |

Packaging Specifications

| | |
|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 500 |

Specifications

| | |
|-----------------------|--------------------------------------|
| Capacitance | 1 uF |
| Tolerance | 5% |
| Voltage DC | 100 VDC |
| Voltage AC | 63 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 100°C |
| Dissipation Factor | 0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz |
| Insulation Resistance | 5 GOhms |
| Max dV/dt | 3 V/us |

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