

SMC10.2684J50A31TR16

Aliases (F125WP684J050V, SMC100ZA6680JA31T1)
SMC/F125, Film, Metallized PPS, General Purpose, 0.68 uF, 5%, 50 VDC,
30 VAC, 100°C, 5.5 mm, 4036 / 10091



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 | 1.591 g |
| Shelf Life | 104 Weeks |
| MSL | 2 |

Dimensions

| | |
|----------------------|-----------------|
| L | 10.2mm +/-0.2mm |
| W | 9.1mm +/-0.2mm |
| T | 5.5mm +/-0.2mm |
| F | 0.5mm NOM |
| Case Code (EIA / mm) | 4036 / 10091 |

Packaging Specifications

| | |
|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 800 |

Specifications

| | |
|-----------------------|--------------------------------------|
| Capacitance | 0.68 uF |
| Tolerance | 5% |
| Voltage DC | 50 VDC |
| Voltage AC | 30 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 100°C |
| Dissipation Factor | 0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz |
| Insulation Resistance | 7.3529 GOhms |
| Max dV/dt | 4 V/us |

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