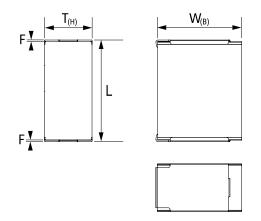


SMC7.3683J100K37TR12

Aliases (F125ST683J100V, SMC100DK5680JK37T1) SMC/F125, Film, Metallized PPS, General Purpose, 0.068 uF, 5%, 100 VDC, 63 VAC, 100°C, 2824, 4.5 mm



| General Information | |
|--------------------------|----------------|
| Series | SMC/F125 |
| Dielectric | Metallized PPS |
| Style | SMD Chip |
| Features | High Stability |
| RoHS | Yes |
| AEC-Q200 | No |
| Typical Component Weight | 0.594 g |
| Shelf Life | 104 Weeks |
| MSL | 2 |

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

Click here for the 3D model.

| Dimensions | |
|------------|----------------|
| Chip Size | 2824 |
| L | 7.3mm +/-0.2mm |
| W | 6mm +/-0.2mm |
| т | 4.5mm +/-0.2mm |
| F | 0.5mm NOM |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | T&R |
| Packaging Quantity | 1700 |

| Specifications | |
|-----------------------|---|
| Capacitance | 0.068 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, 0.5% 100kHz |
| Insulation Resistance | 15 GOhms |
| Max dV/dt | 15 V/us |

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