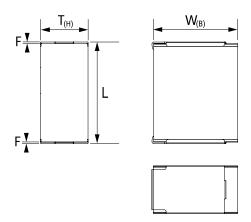


SMC16.5225J50C31TR24

Aliases (F125ZS225J050V, SMC100ZC7220JC31T1) SMC/F125, Film, Metallized PPS, General Purpose, 2.2 uF, 5%, 50 VDC, 30 VAC, 100° C, 6560, 7 mm



| General Information | |
|--------------------------|----------------|
| Series | SMC/F125 |
| Dielectric | Metallized PPS |
| Style | SMD Chip |
| Features | High Stability |
| RoHS | Yes |
| AEC-Q200 | No |
| Typical Component Weight | 3.86 g |
| Shelf Life | 104 Weeks |
| MSL | 2 |

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

Packaging Quantity

Click here for the 3D model.

| Dimensions | |
|--------------------------|-----------------|
| Chip Size | 6560 |
| L | 16.5mm +/-0.2mm |
| W | 15mm +/-0.2mm |
| Т | 7mm +/-0.2mm |
| F | 0.5mm NOM |
| | |
| Packaging Specifications | |
| Packaging | T&R |

500

| Specifications | |
|-----------------------|------------------------|
| Capacitance | 2.2 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, 0.3% 10kHz |
| Insulation Resistance | 2.2727 GOhms |
| Max dV/dt | 2 V/us |

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