



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 |
| AEC-Q200 | No |
| Typical Component Weight | 1.683 g |
| Shelf Life | 104 Weeks |
| MSL | 2 |

Dimensions

| | |
|----------------------|-----------------|
| L | 12.7mm +/-0.2mm |
| W | 11.5mm +/-0.2mm |
| T | 6.5mm +/-0.2mm |
| F | 0.5mm NOM |
| Case Code (EIA / mm) | 5045 / 127114 |

Specifications

| | |
|-----------------------|--------------------------------------|
| Capacitance | 0.18 uF |
| Tolerance | 5% |
| Voltage DC | 250 VDC |
| Voltage AC | 160 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 100°C |
| Dissipation Factor | 0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz |
| Insulation Resistance | 30 GOhms |
| Max dV/dt | 8 V/us |

Packaging Specifications

| | |
|--------------------|-----|
| Packaging | T&R |
| Packaging Quantity | 600 |

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