



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 | 9.65 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, Vertical Orientation |
| Packaging Quantity       | 200                       |

| Specifications        |                        |
|-----------------------|------------------------|
| Capacitance           | 2.2 uF                 |
| Tolerance             | 2%                     |
| 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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