



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

Click [here](#) for the 3D model.

**General Information**

|                          |                              |
|--------------------------|------------------------------|
| Series                   | F161                         |
| Dielectric               | Metallized Polyester Stacked |
| Style                    | SMD Chip                     |
| Features                 | Automotive Grade             |
| RoHS                     | Yes                          |
| Qualifications           | AEC-Q200                     |
| AEC-Q200                 | Yes                          |
| Typical Component Weight | 2.833 g                      |
| Shelf Life               | 104 Weeks                    |
| MSL                      | 3                            |

**Dimensions**

|           |                 |
|-----------|-----------------|
| Chip Size | 5045            |
| L         | 12.7mm +/-0.2mm |
| W         | 11.5mm +/-0.2mm |
| T         | 6.5mm +/-0.2mm  |
| F         | 0.5mm NOM       |

**Packaging Specifications**

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

**Specifications**

|                       |                       |
|-----------------------|-----------------------|
| Capacitance           | 3.3 uF                |
| Tolerance             | 10%                   |
| Voltage DC            | 63 VDC                |
| Voltage AC            | 40 VAC                |
| Temperature Range     | -55/+125°C            |
| Rated Temperature     | 85°C                  |
| Dissipation Factor    | 0.8% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 121 MOhms             |
| Max dV/dt             | 8 V/us                |

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