



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                          |
| Shelf Life     | 104 Weeks                    |
| MSL            | 3                            |

#### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 4036            |
| L         | 10.2mm +/-0.2mm |
| W         | 9.1mm +/-0.2mm  |
| T         | 5.5mm +/-0.2mm  |
| F         | 0.5mm NOM       |

#### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 800 |

#### Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 0.033 uF                           |
| Tolerance             | 5%                                 |
| Voltage DC            | 100 VDC                            |
| Voltage AC            | 63 VAC                             |
| Temperature Range     | -55/+125°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 1 GOhms                            |
| Max dV/dt             | 50 V/us                            |

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