



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 | 2.02 g                       |
| Shelf Life               | 104 Weeks                    |
| MSL                      | 3                            |

#### Dimensions

|           |                 |
|-----------|-----------------|
| Chip Size | 6560            |
| L         | 16.5mm +/-0.2mm |
| W         | 15mm +/-0.2mm   |
| T         | 7mm +/-0.2mm    |
| F         | 0.5mm NOM       |

#### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 500 |

#### Specifications

|                       |                                  |
|-----------------------|----------------------------------|
| Capacitance           | 0.47 uF                          |
| Tolerance             | 10%                              |
| Voltage DC            | 400 VDC                          |
| Voltage AC            | 200 VAC                          |
| Temperature Range     | -55/+125°C                       |
| Rated Temperature     | 85°C                             |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 3% 100kHz |
| Insulation Resistance | 851 MOhms                        |
| Max dV/dt             | 20 V/us                          |

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