



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 | Bulk, Bag |
| Packaging Quantity | 1000 |

Specifications

| | |
|-----------------------|----------------------------------|
| Capacitance | 0.22 uF |
| Tolerance | 10% |
| Voltage DC | 50 VDC |
| Voltage AC | 30 VAC |
| Temperature Range | -55/+125°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz, 3% 100kHz |
| Insulation Resistance | 1 GOhms |
| Max dV/dt | 20 V/us |

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