



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                     |
| Typical Component Weight | 0.505 g                      |
| Shelf Life               | 104 Weeks                    |
| MSL                      | 3                            |

| Dimensions           |                |
|----------------------|----------------|
| L                    | 7.3mm +/-0.2mm |
| W                    | 6mm +/-0.2mm   |
| T                    | 3.5mm +/-0.2mm |
| F                    | 0.5mm NOM      |
| Case Code (EIA / mm) | 2824 / 7260    |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | T&R  |
| Packaging Quantity       | 2300 |

| Specifications        |                                  |
|-----------------------|----------------------------------|
| Capacitance           | 0.47 uF                          |
| Tolerance             | 20%                              |
| Voltage DC            | 63 VDC                           |
| Voltage AC            | 40 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             | 25 V/us                          |

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