



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

General Information

| | |
|----------------|---|
| Series | F161 |
| Dielectric | Metallized Polyester Stacked |
| Style | SMD Chip |
| Features | Automotive Grade |
| RoHS | Yes |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Miscellaneous | This Capacitor Is Currently Under Development, Please Contact KEMET For Availability. |
| Shelf Life | 104 Weeks |
| MSL | 3 |

Specifications

| | |
|-----------------------|------------------------------------|
| Capacitance | 0.1 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 40 VAC |
| Voltage DC | 63 VDC |
| Temperature Range | -55/+100°C |
| Rated Temperature | 100°C |
| Dissipation Factor | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 1 GOhms |
| Max dV/dt | 30 V/us |

Dimensions

| | |
|-----------|----------------|
| Chip Size | 2824 |
| L | 7.3mm +/-0.2mm |
| W | 6mm +/-0.2mm |
| T | 2.5mm +/-0.2mm |
| F | 0.5mm NOM |

Packaging Specifications

| | |
|--------------------|------|
| Packaging | T&R |
| Packaging Quantity | 3100 |