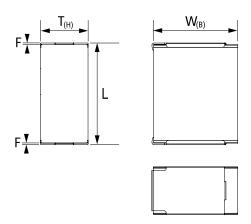




F161, Film, Metallized Polyester Stacked, Automotive Grade, 0.082 uF, 10%, 63 VDC, 40 VAC, 85°C, 4036, 5.5 mm



| 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                    |
| MSI                 | 3                            |

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

Packaging

**Packaging Quantity** 

Click here for the 3D model.

| 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 |                 |

T&R

800

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.082 uF                              |
| Tolerance             | 10%                                   |
| 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, 2.5%<br>100kHz |
| Insulation Resistance | 1GOhms                                |
| Max dV/dt             | 40 V/us                               |

| Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and  |
|--|
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