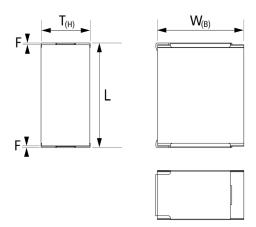


## F161WP125J050V

F161, Film, Metallized Polyester Stacked, Automotive Grade, 1.2 uF, 5%, 30 VAC, 50 VDC, 85°C, 4036, 5.5mm



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

Click here for the 3D model.

| Dimensions |                 |  |
|------------|-----------------|--|
| Chip Size  | 4036            |  |
| L          | 10.2mm +/-0.2mm |  |
| W          | 9.1mm +/-0.2mm  |  |
| Т          | 5.5mm +/-0.2mm  |  |
| F          | 0.5mm NOM       |  |

| Packaging Specifications |     |  |
|--------------------------|-----|--|
| Packaging                | T&R |  |
| Packaging Quantity       | 800 |  |

| 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                            |  |

| Specifications        |                       |
|-----------------------|-----------------------|
| Capacitance           | 1.2 uF                |
| Capacitance Tolerance | 5%                    |
| Voltage AC            | 30 VAC                |
| Voltage DC            | 50 VDC                |
| Temperature Range     | -55/+125°C            |
| Rated Temperature     | 85°C                  |
| Dissipation Factor    | 0.8% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 333.33 MOhms          |
| Max dV/dt             | 40 V/us               |

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