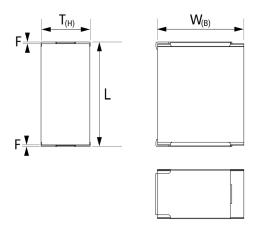


## F161WP683K050V

F161, Film, Metallized Polyester Stacked, Automotive Grade, 0.068 uF, 10%, 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           | 0.068 uF                           |
| Capacitance Tolerance | 10%                                |
| Voltage AC            | 30 VAC                             |
| Voltage DC            | 50 VDC                             |
| Temperature Range     | -55/+125°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 1GOhms                             |
| Max dV/dt             | 40 V/us                            |

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