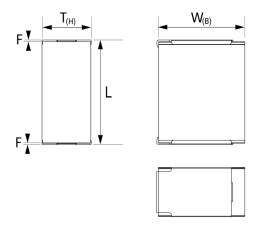


## F161SG223K100V

## Obsolete

F161, Film, Metallized Polyester Stacked, Automotive Grade, 0.022 uF, 10%, 63 VAC, 100 VDC, 100°C, 2824, 2.5mm



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

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

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

| 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           | 0.022 uF                           |
| Capacitance Tolerance | 10%                                |
| Voltage AC            | 63 VAC                             |
| Voltage DC            | 100 VDC                            |
| Temperature Range     | -55/+100°C                         |
| Rated Temperature     | 100°C                              |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 1GOhms                             |
| Max dV/dt             | 30 V/us                            |

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