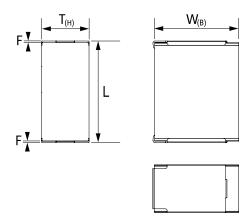




F161, Film, Metallized Polyester Stacked, Automotive Grade, 0.018 uF, 10%, 250 VDC, 160 VAC, 85°C, 2824, 3 mm



| 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

Click here for the 3D model.

| Dimensions |                |
|------------|----------------|
| Chip Size  | 2824           |
| L          | 7.3mm +/-0.2mm |
| W          | 6mm +/-0.2mm   |
| T          | 3mm +/-0.2mm   |
| F          | 0.5mm NOM      |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | T&R  |
| Packaging Quantity       | 2500 |

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.018 uF                              |
| Tolerance             | 10%                                   |
| Voltage DC            | 250 VDC                               |
| Voltage AC            | 160 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 we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 05/16/2025 © 2006 - 2025 YAGEO