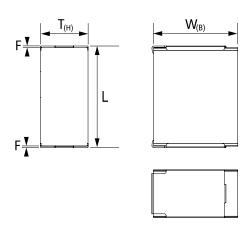




F161, Film, Metallized Polyester Stacked, Automotive Grade, 0.018 uF, 10%, 250 VDC, 160 VAC, 85°C, 2824, 3 mm



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% 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 09/13/2025 © 2006 - 2025 YAGEO