

F161, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 10%, 30 VAC, 50 VDC, 85°C, 2824, 4.5mm



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

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

Dimensions	
Chip Size	2824
L	7.3mm +/-0.2mm
W	6mm +/-0.2mm
T	4.5mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications	
Packaging:	T&R
Packaging Quantity:	1700

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage AC:	30 VAC
Voltage DC:	50 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	0.80% 1kHz, 1.50% 10kHz
Insulation Resistance:	400 MOhms
Max dV/dt:	12 V/us