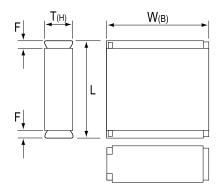
## KEMET Part Number: F161ST105K050V



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

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

Packaging Specifications		
Packaging:	T&R	
Packaging Quantity:	1700	

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

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