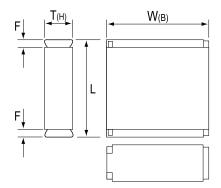
KEMET Part Number: F161ST105K050V



F161, Film, Metallized Polyester Stacked, Automotive Grade, 1 uF, 10%, 30 VAC, 50 VDC, 85C, 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	
Miscellaneous:	This Capacitor Is Currently Under Development, Please Contact Kemet For Availability	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	10%	
Voltage AC:	30 VAC	
Voltage DC:	50 VDC	
Temperature Range:	-55/+125C	
Rated Temperature:	85C	
Dissipation Factor:	0.8% 1kHz, 1.5% 10kHz	
Insulation Resistance:	400 MOhms	
Max dV/dt:	12 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.

