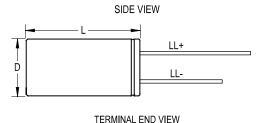
## **KEMET Part Number: ESC477M016AH1AA**



## ESC, Aluminum Electrolytic, 105C LowZ, 470 uF, 20%, 16 VDC, -40/+105C, Lead Spacing = 5mm





Dimensions		
D	10mm +/-0.5mm	
L	12mm +1.5mm	
S	5mm +/-0.5mm	
LL Negative	15mm MIN	
LL Positive	20mm MIN	
F	0.6mm NOM	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	4000	

General Information		
Supplier:	KEMET	
Series:	ESC	
Dielectric:	Aluminum Electrolytic	
Description:	LowESR Single Ended Aluminum Electrolytic	
Features:	Low ESR	
RoHS:	Yes	
Lead:	Wire Leads	

Specifications		
Capacitance:	470 uF	
Capacitance Tolerance:	20%	
Voltage DC:	16 VDC, 20 VDC (Surge)	
Temperature Range:	-40/+105C	
Rated Temperature:	105C	
Life:	2000 Hrs	
Dissipation Factor:	12.00%	
Resistance:	0.085 Ohms (100kHz)	
Ripple Current:	800 mAmps (100kHz 105C)	
Leakage Current:	75 uA (2min 20C)	
Impedance Ratio at -25C:	3	
Impedance Ratio at -40C:	4	

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