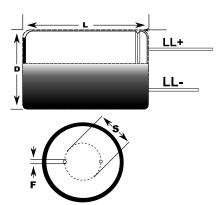
## KEMET Part Number: ESC477M016AH1AA

(SC477M016AH1AAPLP)



## Capacitor, aluminum, 470 uF, +/-20% Tol, -40/+105C, 16VDC@105° C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	10	+/-0.5	
L	12	+1.5	
S	5	+/-0.5	
LLPos	20	MIN	
LLNeg	15	MIN	
F	0.6		

Packaging Specifications		
Package Kind:	Bulk	
Package Quantity:	4000	

General Information		
Supplier:	KEMET	
Part Type Description:	Radial Cylindrical Aluminum Electrolytic	
Style:	Radial Cylindrical	
Lead Type:	Straight	

Specifications		
Capacitance:	470 uF	
Tolerance:	+/-20%	
Rated Temperature:	105° C	
Voltage @ rated temp:	16VDC	
VDC Surge:	20VDC	
Life @ rated temp:	2000 Hrs	
RoHS:	Yes	
Low Z/ESR:	Yes	
Temperature Range:	-40/+105C	
Leakage Condition:	2min/20c	
Dissipation Factor:	12%	
Impedance @ 100kHz:	85 mOhm	
Impedance Ratio -40C:	5.0	
Ripple 120Hz @ rated temp:	0.64 A	
Ripple 1kHz @ rated temp:	0.784 A	
Ripple 10kHz @ rated temp:	0.8 A	
Ripple 100kHz @ rated temp:	0.8 A	

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.

