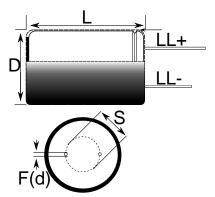
## **KEMET Part Number: EST476M050AE3AA**



## Aluminum Electrolytic, 105C LowZ, EST, 47 uF, 20%, 50 V, -40/+105C, Lead Spacing = 2.5mm



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

Dimensions		
D	6.3mm +/-0.5mm	
L	11mm +1.5mm	
S	2.5mm +/-0.5mm	
LL Negative	15mm MIN	
LL Positive	20mm MIN	
F	0.5mm NOM	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	10000	

General Information	
Dielectric:	Aluminum Electrolytic
Series:	EST
Description:	LowZ, Long Life, Single Ended Aluminum Electrolytic
Features:	Low Z, Long Life, Low Impedance
RoHS:	Yes
Lead:	Wire Leads

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	50 VDC, 63 VDC (Surge)
Temperature Range:	-40/+105C
Rated Temperature:	105C
Life:	5000 Hrs
Dissipation Factor:	14%
Resistance:	1.2 Ohms (100kHz 20C)
Current:	340 mAmps (100kHz 105C)
Leakage Current:	23.5 uA (2min 20C)
Impedance Ratio at -25C:	2
Impedance Ratio at -40C:	3

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.

