

Aluminum Electrolytic Capacitors			
Series:	Kemet P/N:	Customer:	
ES5	ES5107M016AE1EA		

Diagram of dimensions (Unit = mm) Negative polarity: white line Sleeve ФфФБ Ф 15min 4min Vent/ L+a max 4 min *Safety vent only for :Dimension ≥ 6.3×11 Diameter(ϕ D) 4 5 6.3 8 Lead space(P) 3.5 1.5 2.0 2.5 Lead diameter(φ d) 0.45 0.45 0.45 0.45 1.0 1.0 1.0 1.0 a

Electrical and mechanical characteristics			
Rated capacitance (± 20% at 120Hz / 20°C)	100μF		
Rated voltage	16VDC		
Surge voltage	20V		
Case size D x L	Ø 6.3 x 5 mm		
Operating temperature	-40 to +105°C		
Dissipation factor tgδ % (120Hz / 20°C)	17%		
Ripple current (100KHz / 105°C)	85mA _{rms}		
Leakage current (2 min / 20°C)	16μΑ		
Load life test	105°C - 1000H		



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