



**THE DATASHEET OF
ES5107M016AE1EA**

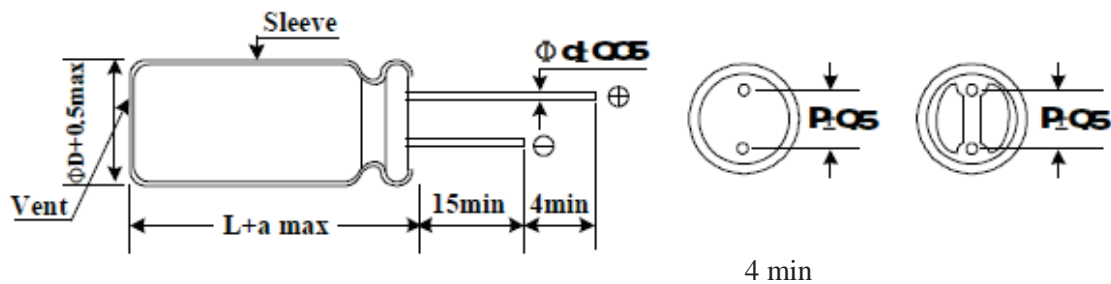


Aluminum Electrolytic Capacitors

Series:	Kemet P/N:	Customer:
ES5	ES5107M016AE1EA	

Diagram of dimensions (Unit = mm)

Negative polarity: white line



*Safety vent only for :Dimension $\geq 6.3 \times 11$

Diameter(ϕD)	4	5	6.3	8
Lead space(P)	1.5	2.0	2.5	3.5
Lead diameter(ϕd)	0.45	0.45	0.45	0.45
a	1.0	1.0	1.0	1.0

Electrical and mechanical characteristics

Rated capacitance ($\pm 20\%$ at 120Hz / 20°C)	100 μ F
Rated voltage	16VDC
Surge voltage	20V
Case size D x L	$\phi 6.3 \times 5 \text{ mm}$
Operating temperature	-40 to +105°C
Dissipation factor tg δ % (120Hz / 20°C)	17%
Ripple current (100KHz / 105°C)	85mA _{rms}
Leakage current (2 min / 20°C)	16 μ A
Load life test	105°C - 1000H



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