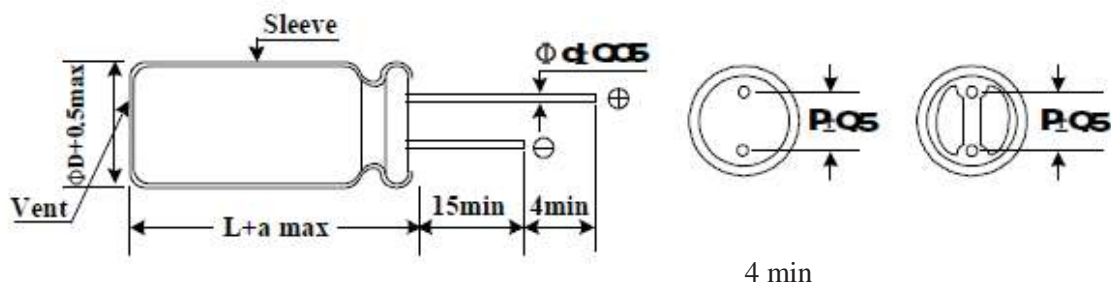


### Aluminum Electrolytic Capacitors

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( $\phi D$ )	4	5	6.3	8
Lead space(P)	1.5	2.0	2.5	3.5
Lead diameter( $\phi d$ )	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 $\mu$ 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 $\delta$ % (120Hz / 20°C)	17%
Ripple current (100KHz / 105°C)	85mA <sub>rms</sub>
Leakage current (2 min / 20°C)	16 $\mu$ A
Load life test	105°C - 1000H



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