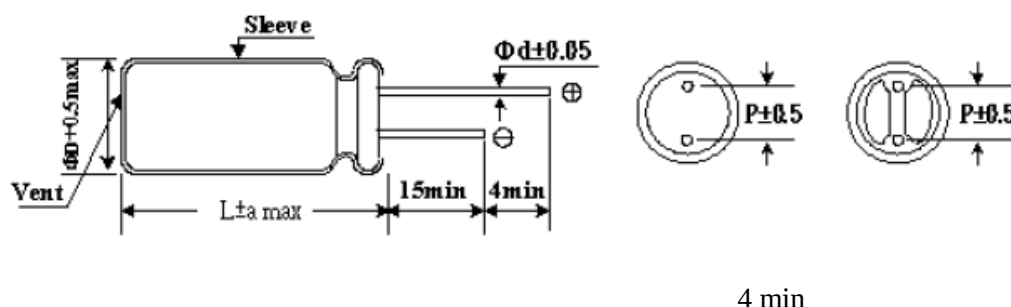


Aluminum Electrolytic Capacitors

Series:	Kemet P/N:	Customer:
ESE	ESE105M100AC3EA	

Diagram of dimensions (Unit = mm)

Negative polarity: white line



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

Case dimension(φD)	5	6.3	8	10	12	13	16	18	22
Lead space(P)	2.0	2.5	3.5	5.0			7.5		10.0
Lead diameter(φd)	0.5	0.5	0.6	0.6			0.8		0.8
a	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.0

Electrical and mechanical characteristics

Rated capacitance ($\pm 20\%$ at 120Hz / 20°C)	1 μ F
Rated voltage	100Vdc
Surge voltage	125Vdc
Case size D x L	$\varnothing 5 \times 11$ mm
Operating temperature	-40 to +105°C
Dissipation factor tg δ % (120Hz / 20°C)	10%
Ripple current (120KHz / 105°C)	15mA _{rms}
Leakage current (2 min / 20°C)	3 μ A
Load life test	105°C - 1000H

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