



## Aluminum Electrolytic Capacitors

Snap-in capacitors

<b>Series/Type:</b>	<b>B43255</b>
<b>Ordering code:</b>	<b>B43255S0108M006</b>
Date:	December 30, 2016
Version:	1

**105 °C/ 5000 h**

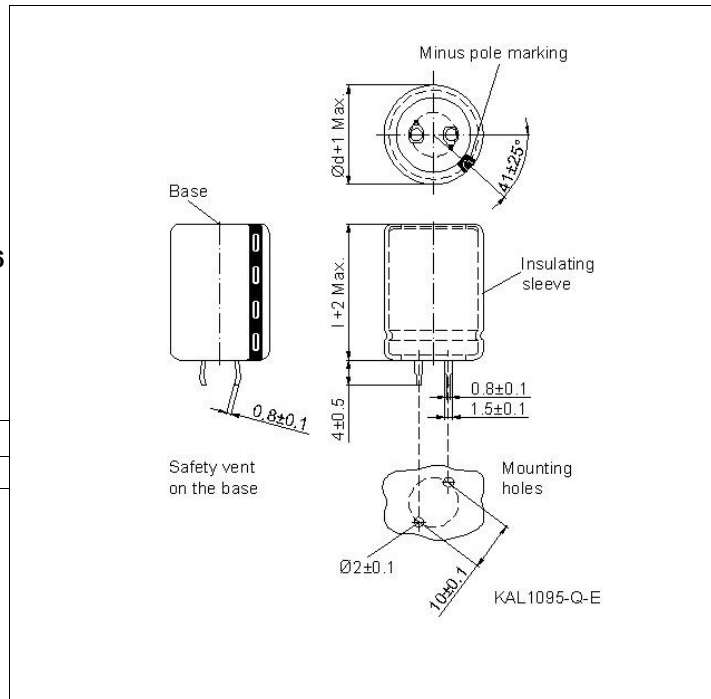
 EPCOS Part No.: **B43255S0108M006**

Development code:

Customer:

Dimensions (mm)

d+1	l+2	Terminals
35	45	Short terminal


**Technical data**

Rated capacitance	$C_R$	120 Hz, 20 °C	1000 $\mu$ F	
Capacitance tolerance			$\pm 20$ %	
Rated voltage	$V_R$		315 V	
Surge voltage	$V_S$		362 V	
Operating temperature range			-40 °C...105 °C	
Maximum leakage current	$I_{leak}$	5 min, 20 °C	6300 $\mu$ A	
Max. $\tan\delta$		120 Hz, 20 °C	0.15	
Rated ripple current	$I_{AC,R}$	120 Hz, 105 °C	2250 mA	

Useful life	105 °C, $V_R$ , $I_{AC,R}$	5000 h	After test: $ \Delta C/C  \leq 20\%$ of initial value $\tan\delta \leq 2 \times$ initial spec. limit $I_{leak} \leq$ initial spec. limit		
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Frequency multiplier for $I_{AC,R}$	50 Hz	120 Hz	1k Hz	10 kHz	20 kHz~
	0.80	1.00	1.20	1.50	1.55
Temperature multiplier for $I_{AC,R}$	+40 °C	+55 °C	+70 °C	+85 °C	+105 °C
	2.7	2.5	2.1	1.7	1.0

Other specifications | IEC 60384-4, Data book Alu-X 2014, RoHS-compatible

Cautions and warnings: see Data Book 2015 or www.epcos.com

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