

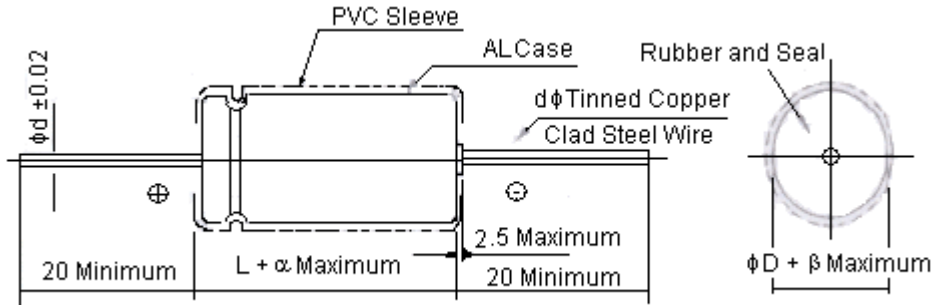


PART NO.

LV101M1EB-0813(E)

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Kiran	18/04/09	Suresh	18/04/09	Farnell	04/05/09



Dimensions : Millimetres

L	13
φD	8
φd	0.6
α	1.5
β	0.5

Dimensions : Millimetres

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TOLERANCES:

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DRAWN BY:

Shalini

DATE:

18/04/09

CHECKED BY:

Suresh

DATE:

18/04/09

APPROVED BY:

Farnell

DATE:

04/05/09

DRAWING TITLE:

Capacitor - 1000μF

SIZE
A

DWG NO.

M10002133

ELECTRONIC FILE
71236_DWGREV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 3



PART NO.

LV101M1EB-0813(E)

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ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Kiran	18/04/09	Suresh	18/04/09	Farnell	04/05/09

Item	Characteristic								
Operating Temperature Range	-40°C to +85°C								
Capacitance Tolerance	±20% (120Hz, 20°C)								
Capacitance	100μF								
Rated Voltage	25V dc								
Surge Voltage	32V dc								
Leakage Current (at 20°C)	I ≤50μA after 2 minutes								
Dissipation Factor (Tan δ at 120Hz, 20°C)	≤15% (120Hz, 20°C)								
Ripple Current (rms 120Hz)	170mA, 85°C								
Low Temperature Characteristics (at 120Hz)	<table><tr><th colspan="2">Rated Voltage</th><th>25V</th></tr><tr><td rowspan="2">Impedance Ratio</td><td>Z (-25°C) / Z (+20°C)</td><td>3</td></tr><tr><td>Z (-40°C) / Z (+20°C)</td><td>6</td></tr></table>	Rated Voltage		25V	Impedance Ratio	Z (-25°C) / Z (+20°C)	3	Z (-40°C) / Z (+20°C)	6
Rated Voltage		25V							
Impedance Ratio	Z (-25°C) / Z (+20°C)	3							
	Z (-40°C) / Z (+20°C)	6							
Load Life After 1000 Hours Application of Rated Voltage at 85°C, Capacitors Meet the Characteristics, Requirements Listed at Right.	<table><tr><td>Leakage Current</td><td>Initial specified value or less</td></tr><tr><td>Capacitance Change</td><td>Within ±20% of initial value</td></tr><tr><td>Dissipation Factor</td><td>Less than 200% of specified value</td></tr></table>	Leakage Current	Initial specified value or less	Capacitance Change	Within ±20% of initial value	Dissipation Factor	Less than 200% of specified value		
Leakage Current	Initial specified value or less								
Capacitance Change	Within ±20% of initial value								
Dissipation Factor	Less than 200% of specified value								
Shelf Life	After leaving capacitors under no load at 85°C for 1000 hours and applying voltage they meet the specified value for load life characteristics listed above.								
Standards	Satisfies characteristics W of JISC 5141								

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Kiran

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18/04/09

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Suresh

DATE:

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Farnell

DATE:

04/05/09

DRAWING TITLE:

Capacitor - 1000µF

SIZE
A

DWG NO.

M10002133

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71236_DWGREV
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SCALE: NTS

U.O.M.: mm

SHEET: 2 OF 3



PART NO.

LV101M1EB-0813(E)

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-	A	RELEASED	Kiran	18/04/09	Suresh	18/04/09	Farnell	04/05/09

Part Number Table

Description	Part Number
Capacitor, 100μF, 25V	LV101M1EB-0813(E)

<http://www.farnell.com><http://www.newark.com><http://www.cpc.co.uk>

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DATE:

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Capacitor - 1000μF

SIZE
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DWG NO.

M10002133

ELECTRONIC FILE
71236_DWGREV
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SCALE: NTS

U.O.M.: mm

SHEET: 3 OF 3