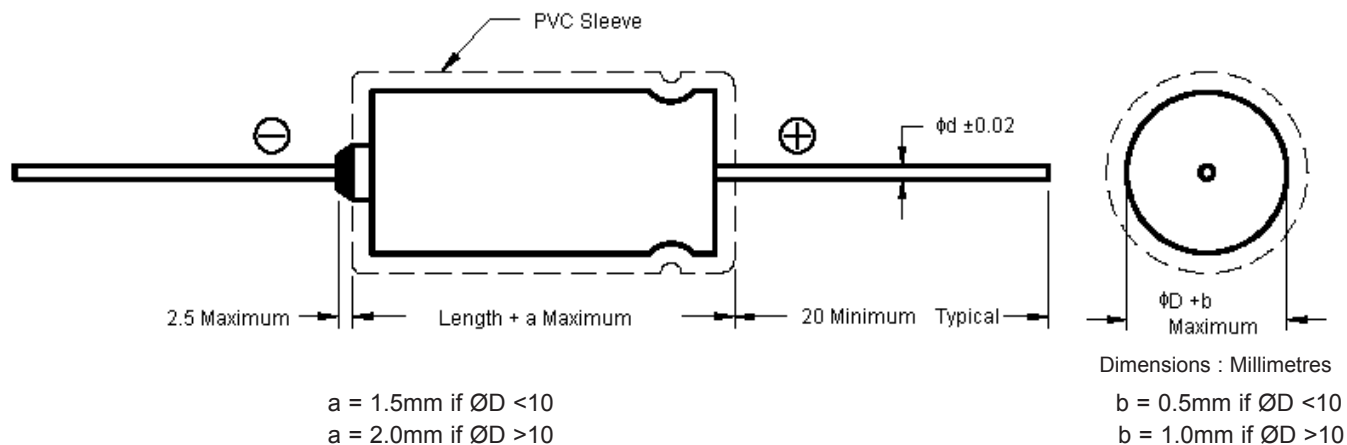


ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	S. R	8/5/06	K. S	8/5/06	N. K	22/5/06



Features:

- Low Impedance characteristics.
- Case sizes are smaller than conventional general-purpose capacitors, with very high performance.
- Can size larger than 8mm diameter has safety vent on rubber bun.
- General purpose 85°C.
- Axial leaded electrolytic.

TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:

S. Ram

DATE:

08/05/06

CHECKED BY:

K. Suresh

DATE:

08/05/06

APPROVED BY:

N. Kiwomya

DATE:

22/05/06

DRAWING TITLE:

LV Series - Axial Electrolytic Capacitors

SIZE
A

DWG NO.

M10000226

ELECTRONIC FILE
208517_2_DWG

REV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 6

	PART NO. LV Series	REVISIONS								
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	A	RELEASED	S. R	8/5/06	K. S	8/5/06	N. K	22/5/06

Allowable ripple current Vs ambient temperature

Ambient Temperature (°C)	Under 50	70°C	85
Multiplier	1.78	1.40	1.00

Frequency coefficient of allowable ripple current

Frequency (Hz) \ Capacitance (µF)	60	120	500	1K	10K up
Under 100	0.70	1.00	1.30	1.40	1.50
100 - 1000	0.75		1.20	1.30	1.35
1000 up above	0.80		1.12	1.12	1.15

Specifications

Voltage (V)	Capacitance (µF)	Case Size Length (L) x Diameter (φD)	Allowable Ripple Current (mA)*	Lead Diameter	Part Number
10	470	16 x 8	350	0.6	LV471M1AB-0816(E)
	1000	17 x 10	640		LV102M1AB-1017(E)
	2200	22 x 13	1051		LV222M1AB-1322(E)
	4700	28 x 16	1552	0.8	LV472M1AB-1628(E)
16	22	13 x 5	60	0.6	LV220M1CB-0513(E)
	100	14 x 6.3	160		LV101M1CB-6.314(E)
	220	13 x 8	260		LV221M1CB-0813(E)
	470	16 x 8	430		LV471M1CB-0816(E)
	1000	21 x 10	770		LV102M1CB-1021(E)
	2200	24 x 13	1125		LV222M1CB-1324(E)
	4700	33 x 16	1650	0.8	LV472M1CB-1633(E)
25	10	13 x 5	40	0.6	LV100M1EB-0513(E)
	22		65		LV220M1EB-0513(E)
	47	13 x 6	100		LV470M1EB-0613(E)
	100	13 x 8	170		LV101M1EB-0813(E)

* Ripple Current at 85°C, 120Hz

Dimensions : Millimetres

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		S. Ram	08/05/06	LV Series - Axial Electrolytic Capacitors				
		CHECKED BY:	DATE:	SIZE	DWG NO.	ELECTRONIC FILE		REV
		K. Suresh	08/05/06	A	M10000226	208517_2_DWG		A
		APPROVED BY:	DATE:					
		N. Kiwomya	22/05/06	SCALE: NTS	U.O.M.: mm	SHEET: 3 OF 6		

	PART NO. LV Series	REVISIONS								
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	A	RELEASED	S. R	8/5/06	K. S	8/5/06	N. K	22/5/06

Specifications

Voltage (V)	Capacitance (µF)	Case Size Length (L) x Diameter (φD)	Allowable Ripple Current (mA)*	Lead Diameter	Part Number
25	220	16 x 8	280	0.6	LV221M1EB-0816(E)
	470	21 x 10	510		LV471M1EB-1021(E)
	1000	22 x 13	873		LV102M1EB-1322(E)
	2200	28 x 16	1344	0.8	LV222M1EB-1628(E)
	4700	36 x 18	1881		LV472M1EB-1836(E)
35	22	13 x 6	70	0.6	LV220M1VB-0613(E)
	100	16 x 8	210		LV101M1VB-0816(E)
	220	17 x 10	340		LV221M1VB-1017(E)
	470	22 x 13	610		LV471M1VB-1322(E)
	1000	27 x 13	955		LV102M1VB-1327(E)
	2200	36 x 16	1421	0.8	LV222M1VB-1636(E)
	4700	43 x 22	2280		LV472M1VB-2243(E)
63	22	14 x 6.3	90	0.6	LV220M1JB-6.314(E)
	47	16 x 8	160		LV470M1JB-0816(E)
	100	17 x 10	260		LV101M1JB-1017(E)

*Ripple Current at 85°C, 120Hz.

Dimensions : Millimetres

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DRAWN BY:

S. Ram

CHECKED BY:

K. Suresh

APPROVED BY:

N. Kiwomya

DATE:

08/05/06

DATE:

08/05/06

DATE:

22/05/06

DRAWING TITLE:

LV Series - Axial Electrolytic Capacitors

SIZE

A

DWG NO.

M10000226

ELECTRONIC FILE

208517_2_DWG

REV

A

SCALE: NTS

U.O.M.: mm

SHEET: 4 OF 6

SHEET: 6 OF 6