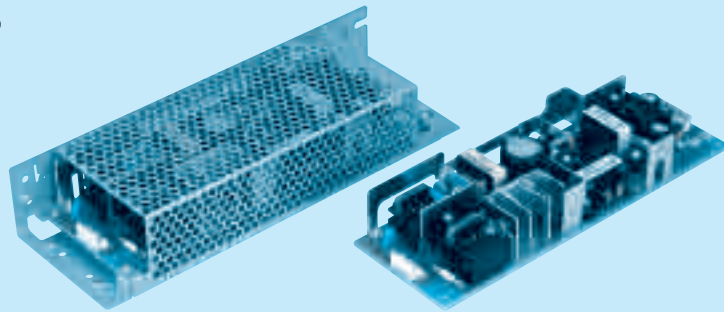


LEB100F

LEB 100 F -05 24 -□

① ② ③ ④ ⑤ ⑥



Recommended EMI/EMC Filter
NAC-06-472



High voltage pulse noise type : NAP series
Low leakage current type : NAM series
*The EMI/EMC Filter is recommended to connect with several devices.

- ① Series name
- ② Output wattage
- ③ Universal input
- ④ V1 Output voltage
- ⑤ V2 Output voltage
- ⑥ Optional *1 *8
- G : Low leakage current
- R : with Remote ON/OFF
- S : with Chassis
- SN : with Chassis & cover
- T : Vertical terminal block
- Y : with Potentiometer
- Z : with ZT

LEB

MODEL	LEB100F-0512	LEB100F-0324	LEB100F-0524	LEB100F-0530	LEB100F-0536
DC OUTPUT	V1 +5V 5A V2 +12V 5(Peak 10)A	+3.3V 5A +24V 4(Peak 7)A	+5V 5A +24V 4(Peak 7)A	+5V 5A +30V 3.2(Peak 5.6)A	+5V 5A +36V 2.7(Peak 4.7)A

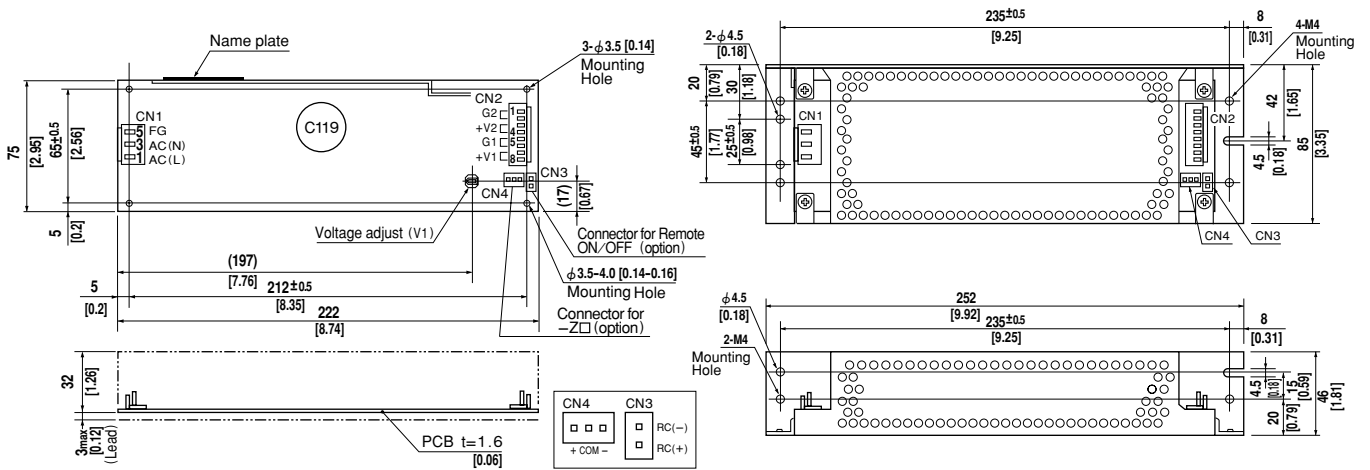
SPECIFICATIONS

MODEL	LEB100F-0512	LEB100F-0324	LEB100F-0524	LEB100F-0530	LEB100F-0536
INPUT	VOLTAGE[V] AC85 - 264 1 φ or DC 120 - 370 CURRENT[A] ACIN 100V 1.2typ (Io=100%) 1.4typ (Io=100%) ACIN 200V 0.6typ (Io=100%) 0.7typ (Io=100%) FREQUENCY[Hz] 50/60 (47 - 63) or DC EFFICIENCY[%] ACIN 100V 74typ (Io=100%) 78typ (Io=100%) 78typ (Io=100%) 78typ (Io=100%) 78typ (Io=100%) ACIN 200V 76typ (Io=100%) 80typ (Io=100%) 80typ (Io=100%) 80typ (Io=100%) 80typ (Io=100%) POWER FACTOR ACIN 100V 0.98typ 0.99typ ACIN 200V 0.93typ INRUSH CURRENT[A] ACIN 100V 15typ (Io=100%) (At cold start) (Ta=25°C) ACIN 200V 30typ (Io=100%) (At cold start) (Ta=25°C) LEAKAGE CURRENT[mA] 0.75max (60Hz, According to IEC60950 and DEN-AN)				
OUTPUT	VOLTAGE[V] +5 +12 +3.3 +24 +5 +24 +5 +30 +5 +36 CURRENT[A] *2 0 - 5 0 - 5 (Peak 10) 0 - 5 0 - 4 (Peak 7) 0 - 5 0 - 4 (Peak 7) 0 - 5 0 - 3.2 (Peak 5.6) 0 - 5 0 - 2.7 (Peak 4.7) TOTAL OUTPUT WATTAGE[W] *3 85 (Peak 145) 100 (Peak 172) 100 (Peak 172) 100 (Peak 172) 100 (Peak 172) LINE REGULATION[mV] 20max 48max 20max 96max 20max 96max 20max 120max 20max 144max LOAD REGULATION[mV] 40max 100max 40max 150max 40max 150max 40max 180max 40max 180max RIPPLE[mVp-p] 0 to +50°C *4 80max 120max 80max 120max 80max 120max 80max 200max 80max 200max -10 - 0°C *4 140max 160max 140max 160max 140max 160max 140max 240max 140max 240max RIPPLE NOISE[mVp-p] 0 to +50°C *4 120max 150max 120max 150max 120max 150max 120max 300max 120max 300max -10 - 0°C *4 160max 180max 160max 180max 160max 180max 160max 360max 160max 360max TEMPERATURE REGULATION[mV] 0 to +50°C 50max 120max 50max 240max 50max 240max 50max 300max 50max 300max -10 to +50°C 60max 150max 60max 290max 60max 290max 60max 350max 60max 350max DRIFT[mV] *5 20max 48max 20max 96max 20max 96max 20max 120max 20max 144max START-UP TIME[ms] *6 250max 500max 250max 500max 250max 500max 250max 500max 250max 500max HOLD-UP TIME[ms] *6 40typ 20typ 40typ 20typ 40typ 20typ 40typ 20typ 40typ 20typ OUTPUT VOLTAGE ADJUSTMENT RANGE[V] 4.5 - 5.5 Fixed 2.85 - 3.60 Fixed 4.5 - 5.5 Fixed 4.5 - 5.5 Fixed 4.5 - 5.5 Fixed OUTPUT VOLTAGE SETTING[V] — 11.5 - 12.5 — 23.0 - 25.0 — 23.0 - 25.0 — 28.7 - 31.5 — 34.5 - 37.5				
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION V1 Works over 105% of rating current and recovers automatically V2 Works over 101% of peak current and recovers automatically OVERVOLTAGE PROTECTION V1 Works over 115% of rating, by zener diode clamping V2 Works at 115 - 140% of rating REMOTE ON/OFF Option (Refer to Instruction Manual)				
ISOLATION	INPUT-OUTPUT - RC *7 AC3.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature) INPUT-FG AC2.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature) OUTPUT - RC-FG AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ min (At Room Temperature) OUTPUT-OUTPUT(V1 - RC-V2) *7 AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩ min (At Room Temperature)				
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE -10 to +70°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max STORAGE TEMP., HUMID. AND ALTITUDE -20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max VIBRATION 10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 60minutes each along X, Y and Z axis IMPACT 196.1m/s ² (20G), 11ms, once each X, Y and Z axis				
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS UL60950-1, C-UL, EN60950-1, EN50178 Complies with DEN-AN and IEC60950-1 (At only AC input) CONDUCTED NOISE Complies with FCC-B, CISPR22-B, EN55022-B, VCCI-B HARMONIC ATTENUATOR Complies with IEC61000-3-2 *9				
OTHERS	CASE SIZE/WEIGHT 75 x 35 x 222mm [2.95 x 1.38 x 8.74 inches] (W x H x D) /420g max (without chassis and cover) COOLING METHOD Convection				

*1 Specification is changed at option, refer to Instruction Manual 5.
 *2 Peak loading for 10sec. And Duty 35% max, refer to Instruction Manual 4. In detail.
 *3 Refer to Instruction Manual 2.2 in detail.
 *4 This is the value that measured on measuring board with capacitor of 22 μF within 150mm from output terminal. Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM101).
 *5 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.

*6 ACIN 100V, Io=100%
 *7 Applicable when remote control (optional) is added.
 *8 Please contact us about safety approvals for the model with option.
 *9 Please contact us about class C.
 * Series/Parallel operation is not possible.
 * Derating is required when operated with chassis and cover.
 * A sound may occur from power supply at peak loading.

External view



LEB

I / O Connector	Mating Connector	Terminal
CN1	B3P5-VH	VHR-5N
CN2	B8P-VH	VHR-8N
CN3 (Option)	B2B-XH-A	XHP-2
CN4 (Option)	B3B-XH-A	XHP-3

CN1

Pin No.	Input
1	AC(L)
2	AC(N)
3	AC(N)
4	AC(N)
5	FG

<PIN CONNECTION>

CN2

Pin No.	Output
1, 2	G 2
3, 4	V 2
5, 6	G 1
7, 8	V 1

CN3 (Option)

Pin No.	Remote ON/OFF
1	RC(+)
2	RC(-)

CN4 (Option)

Pin No.	-Z □
1	+
2	COM
3	-

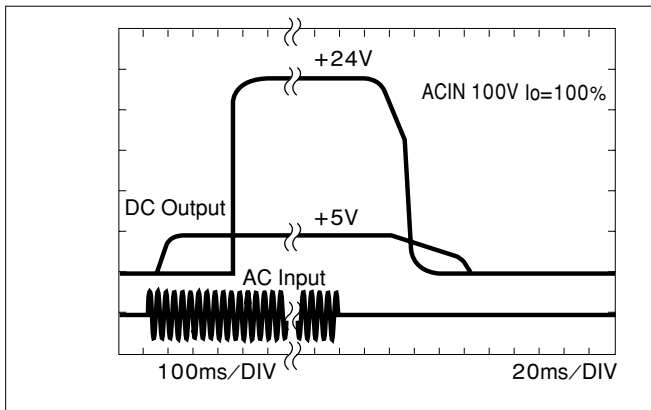
- ※Weight: 420g max (Without chassis and cover)
- ※Tolerance: ±1 [±0.04]
- ※Dimensions in mm, [] = inches
- ※PCB Material : GEM3
- ※Chassis and cover is optional.
- ※Mounting torque: 1.5N·m(16kgf·cm)max

(Mfr: J.S.T.)

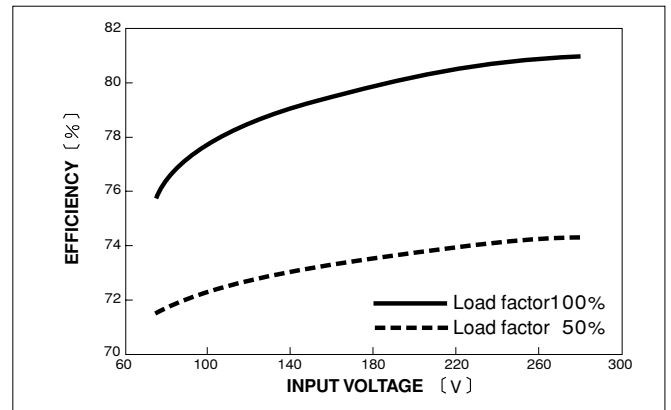
※Keep drawing current per pin below 5A for CN2

Performance data

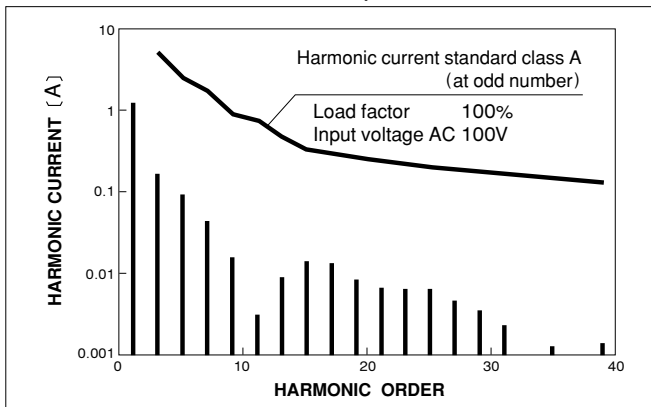
RISE TIME & FALL TIME (LEB100F-0524)



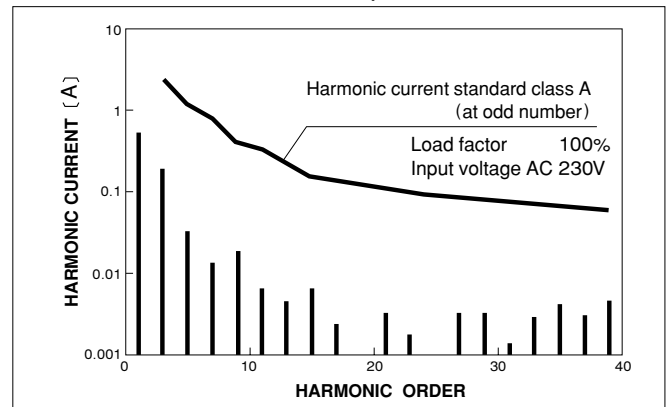
EFFICIENCY (LEB100F-0524)



INPUT HARMONIC CURRENT (LEB100F-0524)



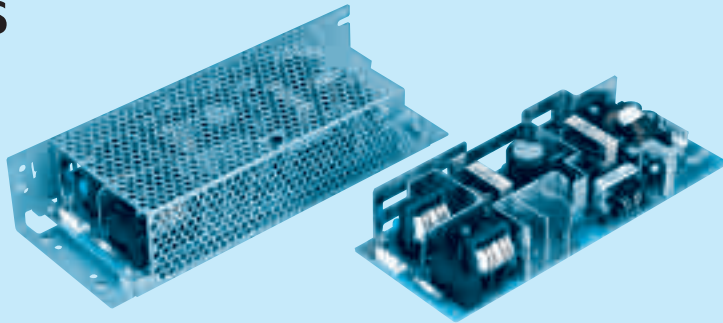
INPUT HARMONIC CURRENT (LEB100F-0524)



LEB150F

LEB 150 F -05 24 -□

① ② ③ ④ ⑤ ⑥



Recommended EMI/EMC Filter
NAC-06-472



High voltage pulse noise type : NAP series
Low leakage current type : NAM series
*The EMI/EMC Filter is recommended to connect with several devices.

- ① Series name
- ② Output wattage
- ③ Universal input
- ④ V1 Output voltage
- ⑤ V2 Output voltage
- ⑥ Optional *1 *8
- G : Low leakage current
- R : with Remote ON/OFF
- S : with Chassis
- SN : with Chassis & cover
- T : Vertical terminal block
- Y : with Potentiometer
- Z : with ZT

LEB

MODEL	LEB150F-0512	LEB150F-0324	LEB150F-0524	LEB150F-0530	LEB150F-0536
DC OUTPUT	V1	+5V 5A	+3.3V 5A	+5V 5A	+5V 5A
	V2	+12V 7.5(Peak 14)A	+24V 6(Peak 10)A	+24V 6(Peak 10)A	+30V 4.8(Peak 8)A

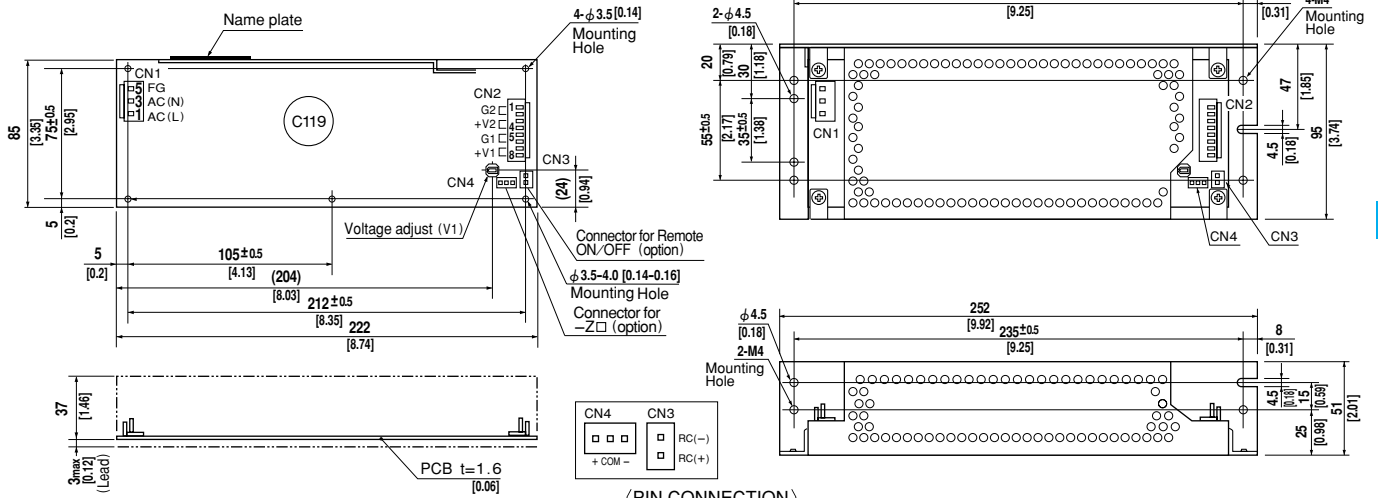
SPECIFICATIONS

	MODEL	LEB150F-0512	LEB150F-0324	LEB150F-0524	LEB150F-0530	LEB150F-0536						
INPUT	VOLTAGE[V]	AC85 - 264 1 φ or DC 120 - 370										
	CURRENT[A]	ACIN 100V	1.6typ (Io=100%)	2.0typ (Io=100%)								
		ACIN 200V	0.8typ (Io=100%)	1.0typ (Io=100%)								
	FREQUENCY[Hz]	50/60 (47 - 63) or DC										
	EFFICIENCY[%]	ACIN 100V	76typ (Io=100%)	79typ (Io=100%)	79typ (Io=100%)	79typ (Io=100%)	79typ (Io=100%)					
		ACIN 200V	79typ (Io=100%)	82typ (Io=100%)	82typ (Io=100%)	82typ (Io=100%)	82typ (Io=100%)					
	POWER FACTOR	ACIN 100V	0.98typ	0.99typ								
ACIN 200V		0.93typ										
INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%) (At cold start) (Ta=25°C)										
	ACIN 200V	30typ (Io=100%) (At cold start) (Ta=25°C)										
LEAKAGE CURRENT[mA]	0.75max (60Hz, According to IEC60950 and DEN-AN)											
OUTPUT	VOLTAGE[V]	+5	+12	+3.3	+24	+5	+30	+5	+36			
	CURRENT[A]	*2 0 - 5	0 - 7.5 (Peak 14)	0 - 5	0 - 6 (Peak 10)	0 - 5	0 - 6 (Peak 10)	0 - 5	0 - 4.8 (Peak 8)	0 - 5	0 - 4 (Peak 6.7)	
	TOTAL OUTPUT WATTAGE[W]	*3 115 (Peak 193)		150 (Peak 246)		150 (Peak 246)		150 (Peak 246)		150 (Peak 246)		
	LINE REGULATION[mV]	40max	48max	20max	96max	20max	96max	20max	120max	20max	144max	
		40max	100max	40max	150max	40max	150max	40max	120max	40max	180max	
	LOAD REGULATION[mV]	0 to +45°C *4	80max	120max	80max	120max	80max	120max	80max	200max	80max	200max
		-10 - 0°C *4	140max	160max	140max	160max	140max	160max	140max	240max	140max	240max
	RIPPLE NOISE[mVp-p]	0 to +45°C *4	120max	150max	120max	150max	120max	150max	120max	300max	120max	300max
		-10 - 0°C *4	160max	180max	160max	180max	160max	180max	160max	360max	160max	360max
	TEMPERATURE REGULATION[mV]	0 to +45°C	50max	120max	50max	240max	50max	240max	50max	300max	50max	300max
		-10 to +45°C	60max	150max	60max	290max	60max	290max	60max	350max	60max	350max
	DRIFT[mV]	*5	20max	48max	20max	96max	20max	96max	20max	120max	20max	144max
	START-UP TIME[ms]	*6	250max	500max	250max	500max	250max	500max	250max	500max	250max	500max
	HOLD-UP TIME[ms]	*6	40typ	20typ	40typ	20typ	40typ	20typ	40typ	20typ	40typ	20typ
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		4.5 - 5.5	Fixed	2.85 - 3.60	Fixed	4.5 - 5.5	Fixed	4.5 - 5.5	Fixed	4.5 - 5.5	Fixed
	OUTPUT VOLTAGE SETTING[V]		—	11.5 - 12.5	—	23.0 - 25.0	—	23.0 - 25.0	—	28.7 - 31.5	—	34.5 - 37.5
	PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION	V1	Works over 105% of rating current and recovers automatically								
V2			Works over 101% of peak current and recovers automatically									
OVERVOLTAGE PROTECTION		V1	Works over 115% of rating, by zener diode clamping									
		V2	Works at 115 - 140% of rating									
REMOTE ON/OFF	Option (Refer to Instruction Manual)											
ISOLATION	INPUT-OUTPUT - RC	*7	AC3.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)									
	INPUT-FG		AC2.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)									
	OUTPUT - RC-FG	*7	AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ min (At Room Temperature)									
	OUTPUT-OUTPUT(V1 - RC-V2)	*7	AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩ min (At Room Temperature)									
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-10 to +70°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3.000m (10.000feet) max										
	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing), 9.000m (30.000feet) max										
	VIBRATION	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 60minutes each along X, Y and Z axis										
SAFETY AND NOISE REGULATIONS	IMPACT	196.1m/s ² (20G), 11ms, once each X, Y and Z axis										
	AGENCY APPROVALS	UL60950-1, C-UL, EN60950-1, EN50178 Complies with DEN-AN and IEC60950-1 (At only AC input)										
	CONDUCTED NOISE	Complies with FCC-B, CISPR22-B, EN55022-B, VCCI-B										
OTHERS	HARMONIC ATTENUATOR	Complies with IEC61000-3-2 *9										
	CASE SIZE/WEIGHT	85 x 40 x 222mm [3.35 x 1.57 x 8.74 inches] (W x H x D) /530g max (without chassis and cover)										
	COOLING METHOD	Convection										

*1 Specification is changed at option, refer to Instruction Manual 5.
 *2 Peak loading for 10sec. And Duty 35% max, refer to Instruction Manual 4. In detail.
 *3 Refer to Instruction Manual 2.2 in detail.
 *4 This is the value that measured on measuring board with capacitor of 22 μF within 150mm from output terminal. Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM101).
 *5 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.

*6 ACIN 100V, Io=100%
 *7 Applicable when remote control (optional) is added.
 *8 Please contact us about safety approvals for the model with option.
 *9 Please contact us about class C.
 * Series/Parallel operation is not possible.
 * Derating is required when operated with chassis and cover.
 * A sound may occur from power supply at peak loading.

External view



I / O Connector	Mating Connector	Terminal
CN1	B3P5-VH	VHR-5N
		Chain: SVH-21T-P1.1
		Loose: BVH-21T-P1.1
CN2	B8P-VH	VHR-8N
		Chain: SVH-21T-P1.1
		Loose: BVH-21T-P1.1
CN3 (Option)	B2B-XH-A	XHP-2
		Chain: SXH-001T-P0.6
		Loose: BXH-001T-P0.6
CN4 (Option)	B3B-XH-A	XHP-3
		Chain: SXH-001T-P0.6
		Loose: BXH-001T-P0.6

CN1	
Pin No.	Input
1	AC(L)
2	
3	AC(N)
4	
5	FG

〈PIN CONNECTION〉

CN2	
Pin No.	Output
1, 2	G 2
3, 4	V 2
5, 6	G 1
7, 8	V 1

CN3 (Option)	
Pin No.	Remote ON/OFF
1	RC(+)
2	RC(-)

CN4 (Option)	
Pin No.	-Z □
1	+
2	COM
3	-

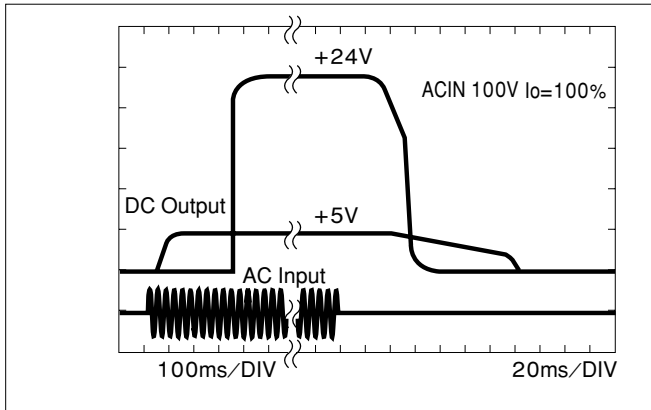
※Weight: 530g max
(Without chassis and cover)
 ※Tolerance: ±1 [±0.04]
 ※Dimensions in mm, []= inches
 ※PCB Material : CEM3
 ※Chassis and cover is optional.
 ※Mounting torque: 1.5N·m(16kgf·cm)max

(Mfr: J.S.T.)

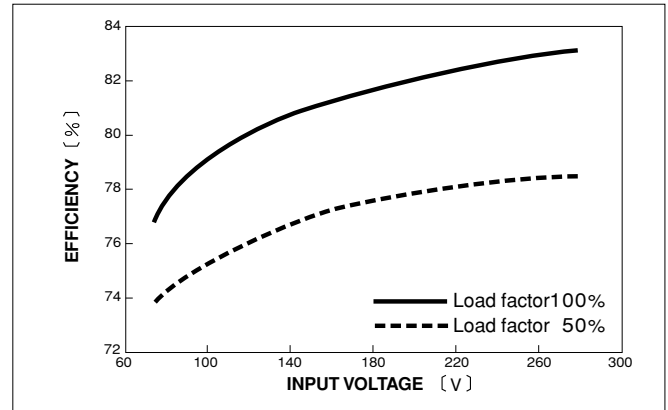
※Keep drawing current per pin below 5A(7A at peak load)for CN2

Performance data

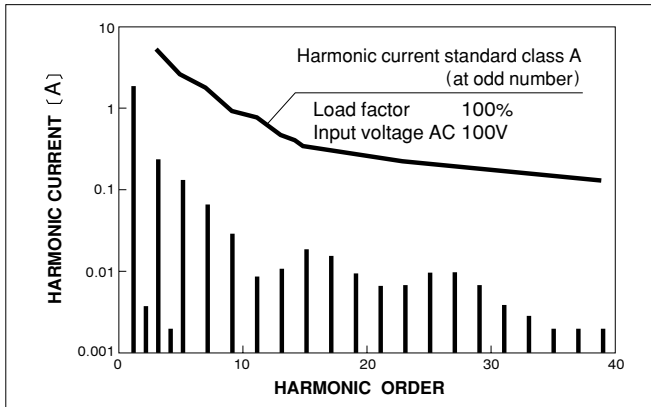
RISE TIME & FALL TIME (LEB150F-0524)



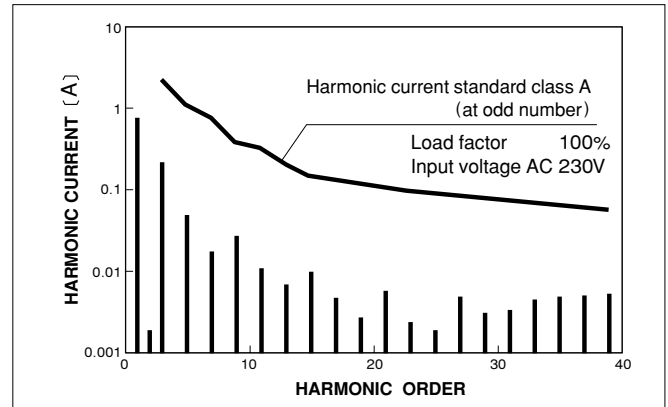
EFFICIENCY (LEB150F-0524)



INPUT HARMONIC CURRENT (LEB150F-0524)



INPUT HARMONIC CURRENT (LEB150F-0524)



LEB225F

LEB 225 F -05 24 -□

① ② ③ ④ ⑤ ⑥

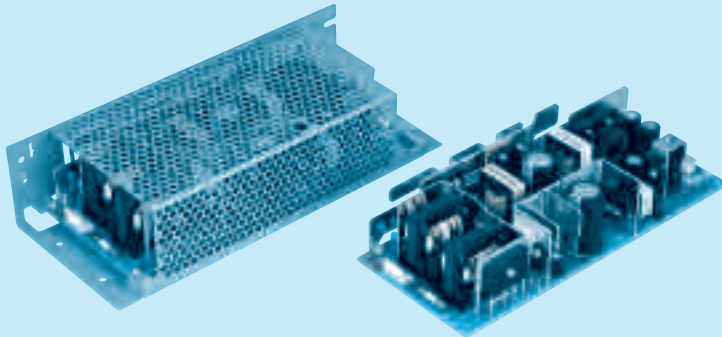


Recommended EMI/EMC Filter
NAC-06-472



High voltage pulse noise type : NAP series
Low leakage current type : NAM series
*The EMI/EMC Filter is recommended to connect with several devices.

- ① Series name
- ② Output wattage
- ③ Universal input
- ④ V1 Output voltage
- ⑤ V2 Output voltage
- ⑥ Optional *1 *8
- G : Low leakage current
- R : with Remote ON/OFF
- S : with Chassis
- SN : with Chassis & cover
- T : Vertical terminal block
- Y : with Potentiometer
- Z : with ZT



LEB

MODEL	LEB225F-0512	LEB225F-0324	LEB225F-0524	LEB225F-0530	LEB225F-0536
DC OUTPUT	V1 +5V 5A	+3.3V 5A	+5V 5A	+5V 5A	+5V 5A
	V2 +12V 10(Peak 20)A	+24V 9(Peak 14)A	+24V 9(Peak 14)A	+30V 7.2(Peak 11)A	+36V 6(Peak 9.3)A

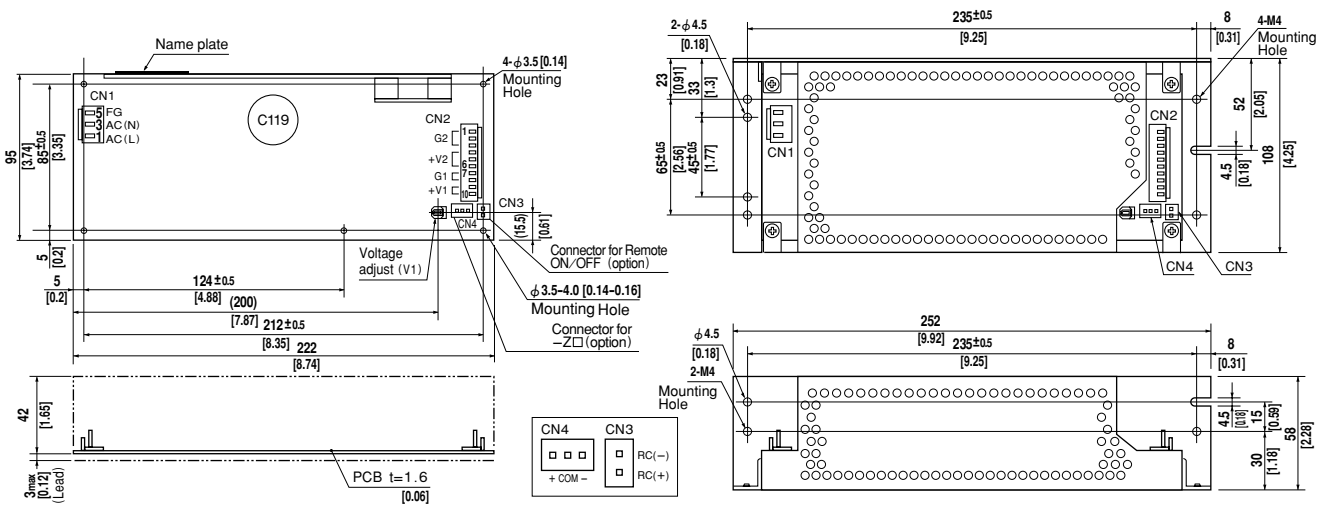
SPECIFICATIONS

MODEL	LEB225F-0512	★LEB225F-0324	LEB225F-0524	LEB225F-0530	★LEB225F-0536							
INPUT	VOLTAGE[V] AC85 - 264 1 φ or DC 120 - 370											
	CURRENT[A]		ACIN 100V 1.9typ (Io=100%)		3.0typ (Io=100%)							
	ACIN 200V 1.0typ (Io=100%)		1.5typ (Io=100%)									
	FREQUENCY[Hz] 50/60 (47 - 63) or DC											
	EFFICIENCY[%]		ACIN 100V 77typ (Io=100%)		81typ (Io=100%)							
	ACIN 200V 79typ (Io=100%)		83typ (Io=100%)		83typ (Io=100%)							
	POWER FACTOR		ACIN 100V 0.98typ		0.99typ							
ACIN 200V 0.93typ												
INRUSH CURRENT[A]		ACIN 100V 15typ (Io=100%) (More than 3sec.to re-start)		ACIN 200V 30typ (Io=100%) (More than 3sec.to re-start)								
LEAKAGE CURRENT[mA] 0.75max (60Hz, According to IEC60950 and DEN-AN)												
OUTPUT	VOLTAGE[V]		+5 +12		+3.3 +24		+5 +24		+5 +30		+5 +36	
	CURRENT[A]		*2 0 - 5 0 - 10 (Peak 20)		0 - 5 0 - 9 (Peak 14)		0 - 5 0 - 9 (Peak 14)		0 - 5 0 - 7.2 (Peak 11)		0 - 5 0 - 6 (Peak 9.3)	
	TOTAL OUTPUT WATTAGE[W] *3		145 (Peak 265)		225 (Peak 345)		225 (Peak 345)		225 (Peak 345)		225 (Peak 345)	
	LINE REGULATION[mV]		20max 48max		20max 96max		20max 96max		20max 120max		20max 144max	
	LOAD REGULATION[mV]		40max 100max		40max 150max		40max 150max		40max 180max		40max 180max	
	RIPPLE[mVp-p]		0 to +40°C *4 80max 120max		-10 to 0°C *4 140max 160max		0 to +40°C *4 80max 120max		-10 to 0°C *4 140max 160max		0 to +40°C *4 80max 120max	
	RIPPLE NOISE[mVp-p]		-10 to 0°C *4 160max 180max		0 to +40°C *4 120max 150max		-10 to 0°C *4 160max 180max		0 to +40°C *4 120max 150max		-10 to 0°C *4 160max 180max	
	TEMPERATURE REGULATION[mV]		0 to +40°C 50max 120max		-10 to +40°C 60max 150max		0 to +40°C 50max 120max		-10 to +40°C 60max 150max		0 to +40°C 50max 120max	
	DRIFT[mV]		*5 20max 48max		*5 20max 96max		*5 20max 96max		*5 20max 120max		*5 20max 144max	
	START-UP TIME[ms]		*6 250max 500max		*6 250max 500max		*6 250max 500max		*6 250max 500max		*6 250max 500max	
	HOLD-UP TIME[ms]		*6 40typ 20typ		*6 40typ 20typ		*6 40typ 20typ		*6 40typ 20typ		*6 40typ 20typ	
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		4.5 - 5.5 Fixed		2.85 - 3.60 Fixed		4.5 - 5.5 Fixed		4.5 - 5.5 Fixed		4.5 - 5.5 Fixed	
	OUTPUT VOLTAGE SETTING[V]		— 11.5 - 12.5		— 23.0 - 25.0		— 23.0 - 25.0		— 28.7 - 31.5		— 34.5 - 37.5	
	PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION		V1 Works over 105% of rating current and recovers automatically		V2 Works over 101% of peak current and recovers automatically		V1 Works over 115% of rating, by zener diode clamping		V2 Works at 115 - 140% of rating		
OVERVOLTAGE PROTECTION												
REMOTE ON/OFF		Option (Refer to Instruction Manual)										
ISOLATION	INPUT-OUTPUT - RC *7		AC3.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)									
	INPUT-FG		AC2.000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)									
	OUTPUT - RC-FG *7		AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩ min (At Room Temperature)									
	OUTPUT-OUTPUT(V1 - RC-V2) *7		AC100V 1minute, Cutoff current = 100mA, DC100V 10MΩ min (At Room Temperature)									
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE		-10 to +70°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3.000m (10.000feet) max									
	STORAGE TEMP., HUMID. AND ALTITUDE		-20 to +75°C, 20 - 90%RH (Non condensing), 9.000m (30.000feet) max									
	VIBRATION		10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 60minutes each along X, Y and Z axis									
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS		UL60950-1, C-UL, EN60950-1, EN50178 Complies with DEN-AN and IEC60950-1 (At only AC input)									
	CONDUCTED NOISE		Complies with FCC-B, CISPR22-B, EN55022-B, VCCI-B									
	HARMONIC ATTENUATOR		Complies with IEC61000-3-2 *9									
OTHERS	CASE SIZE/WEIGHT		95 x 45 x 222mm [3.74 x 1.77 x 8.74 inches] / 700g max (without chassis and cover)									
	COOLING METHOD		Convection									

*1 Specification is changed at option, refer to Instruction Manual 5.
 *2 Peak loading for 10sec. And Duty 35% max, refer to Instruction Manual 4. In detail.
 *3 Refer to Instruction Manual 2.2 in detail.
 *4 This is the value that measured on measuring board with capacitor of 22 μF within 150mm from output terminal. Measured by 20MHz oscilloscope or Ripple-Noise meter (Equivalent to KEISOKU-GIKEN: RM101).
 *5 Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, with the input voltage held constant at the rated input/output.

*6 ACIN 100V, Io=100%
 *7 Applicable when remote control (optional) is added.
 *8 Please contact us about safety approvals for the model with option.
 *9 Please contact us about class C.
 * Series/Parallel operation is not possible.
 * Derating is required when operated with chassis and cover.
 * A sound may occur from power supply at peak loading.
 * marked models are pending for safety approvals. Consult with us for delivery.

External view



(PIN CONNECTION)

I / O Connector	Mating Connector	Terminal
CN1	B3P5-VH	VHR-5N
		Chain: SVH-21T-P1.1
		Loose: BVH-21T-P1.1
		Chain: SVH-21T-P1.1
		Loose: BVH-21T-P1.1
CN2	B10P-VH	VHR-10N
		Chain: SVH-21T-P1.1
		Loose: BVH-21T-P1.1
CN3 (Option)	B2B-XH-A	XHP-2
		Chain: SXH-001T-P0.6
		Loose: BXH-001T-P0.6
CN4 (Option)	B3B-XH-A	XHP-3
		Chain: SXH-001T-P0.6
		Loose: BXH-001T-P0.6

CN1	
Pin No.	Input
1	AC(L)
2	AC(N)
3	AC(N)
4	AC(N)
5	FG

CN2	
Pin No.	Output
1, 2, 3	G 2
4, 5, 6	V 2
7, 8	G 1
9, 10	V 1

CN3 (Option)	
Pin No.	Remote ON/OFF
1	RC(+)
2	RC(-)

CN4 (Option)	
Pin No.	- Z □
1	+
2	COM
3	-

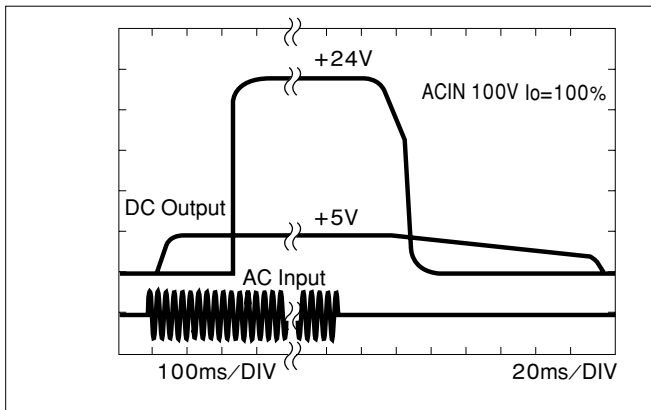
- ※Weight: 700g max (Without chassis and cover)
- ※Tolerance: ±1 [±0.04]
- ※Dimensions in mm, [] = inches
- ※PCB Material : CEM3
- ※Chassis and cover is optional.
- ※Mounting torque: 1.5N·m (16kgf·cm)max

(Mfr: J.S.T.)

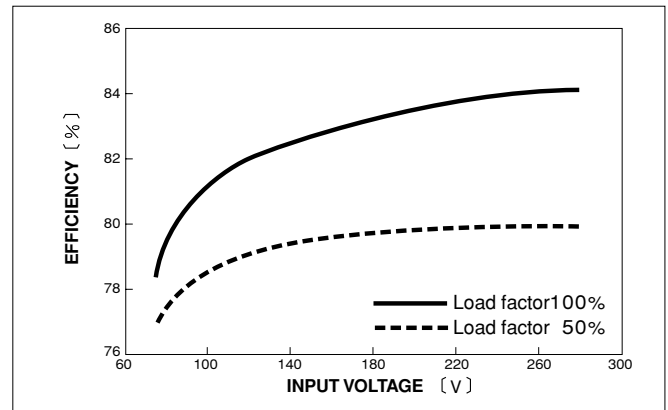
※Keep drawing current per pin below 5A (7A at peak load) for CN2

Performance data

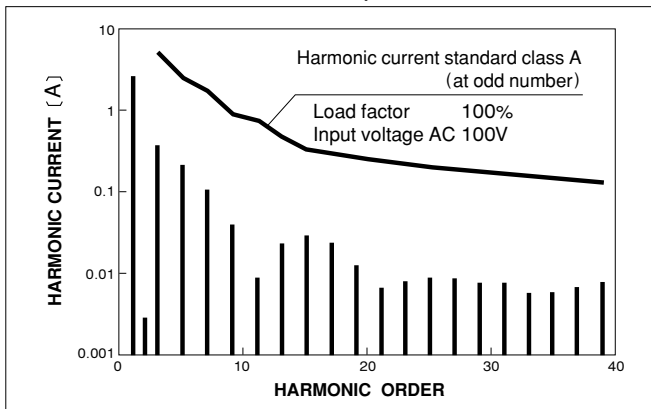
RISE TIME & FALL TIME (LEB225F-0524)



EFFICIENCY (LEB225F-0524)



INPUT HARMONIC CURRENT (LEB225F-0524)



INPUT HARMONIC CURRENT (LEB225F-0524)

