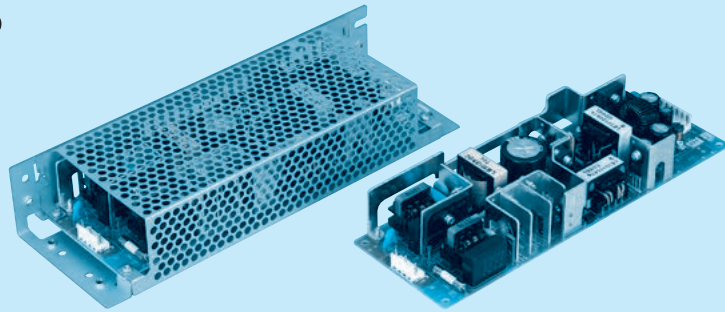


LEB100F

LEB 100 F -05 24 -□



Example recommended EMI/EMC filter
NAC-06-472



High voltage pulse noise type : NAP series
Low leakage current type : NAM series
* A higher current rating EMI/EMC filter
may be recommended in view of the
other devices that could be connected
in parallel with the power supply.

- 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

*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations.

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

SPECIFICATIONS

INPUT	MODEL		LEB100F-0512		LEB100F-0324		LEB100F-0524		LEB100F-0530		LEB100F-0536													
	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%)													
			ACIN 200V		76typ (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℃)																				
		ACIN 200V		30typ (Io=100%) (At cold start) (Ta=25℃)																				
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 - 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℃ *4		80max		120max		80max		120max		80max		120max		80max		200max		80max		200max	
			-10 - 0℃ *4		140max		160max		140max		160max		140max		160max		140max		240max		140max		240max	
	RIPPLE NOISE[mVp-p]		0 to +50℃ *4		120max		150max		120max		150max		120max		150max		120max		300max		120max		300max	
			-10 - 0℃ *4		160max		180max		160max		180max		160max		180max		160max		360max		160max		360max	
	TEMPERATURE REGULATION[mV]		0 to +50℃		50max		120max		50max		240max		50max		240max		50max		300max		50max		300max	
			-10 to +50℃		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℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max																			
	STORAGE TEMP., HUMID. AND ALTITUDE				-20 to +75℃, 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 (with chassis & cover : 690g max)																			
	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.

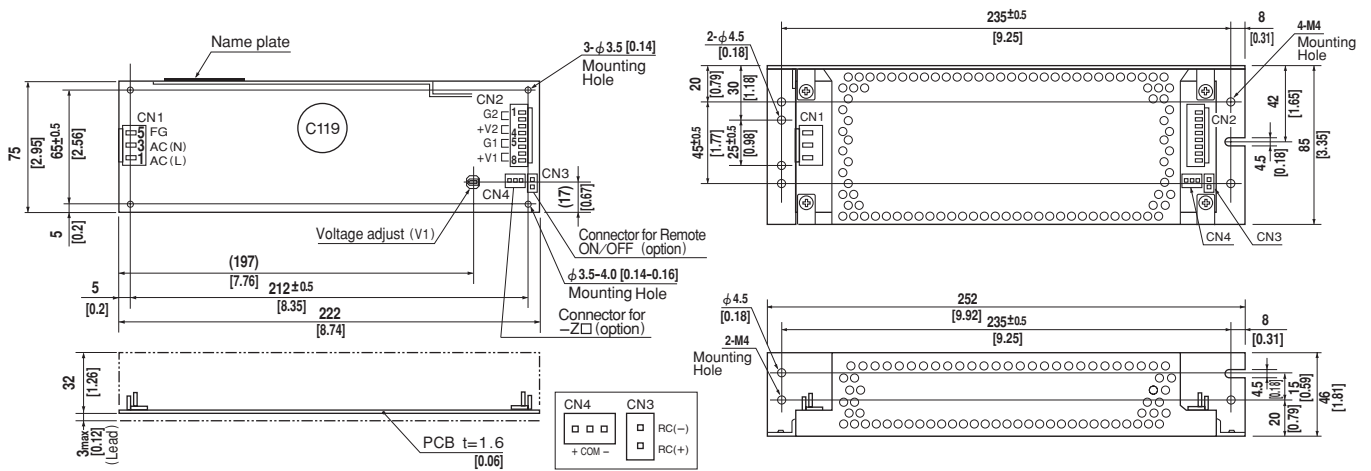
*9 Please contact us about class C.

* 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

(Mfr: J.S.T.)

〈PIN CONNECTION〉

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

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

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

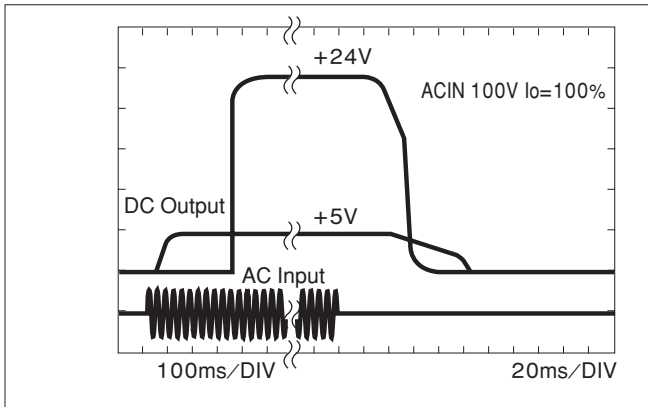
Pin No.	-Z
1	+
2	COM
3	-

※Weight: 420g max
(with chassis & cover : 690g max)
※Tolerance: ± 1 [± 0.04]
※Dimensions in mm, [] = inches
※PCB Material : CEM3
※Chassis and cover is optional.
※Mounting torque: 1.5N·m(16kgf·cm)max

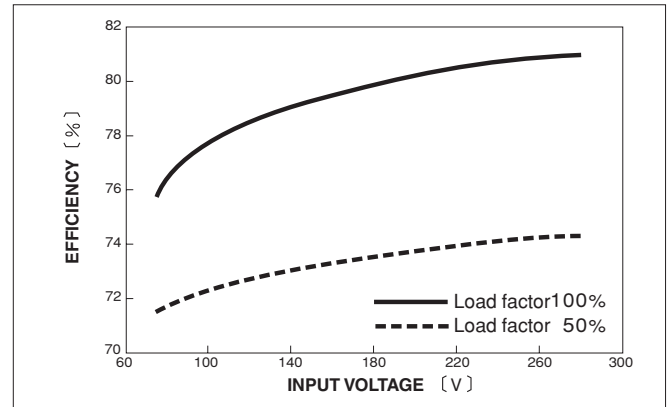
※Keep drawing current per pin below 5A for CN2

Performance data

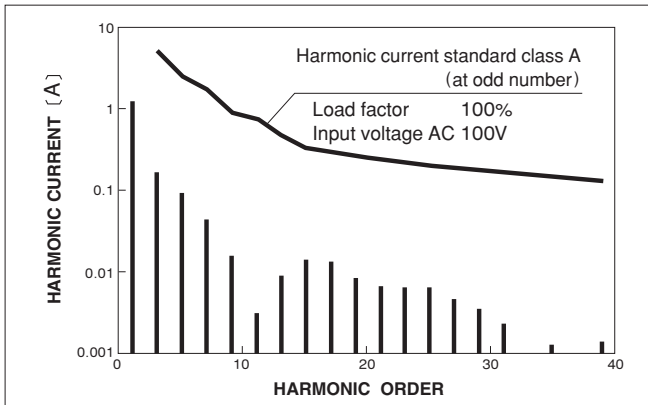
RISE TIME & FALL TIME (LEB100F-0524)



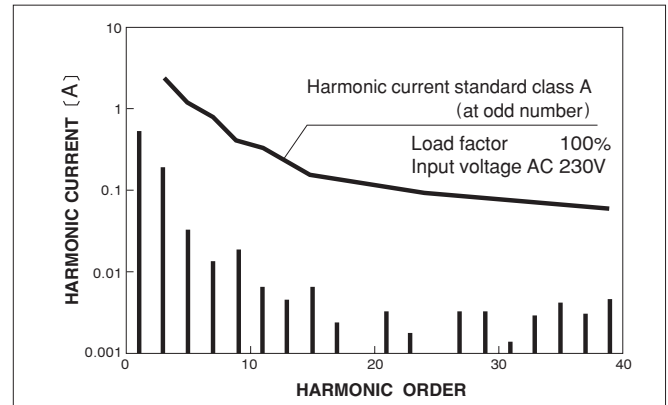
EFFICIENCY (LEB100F-0524)



INPUT HARMONIC CURRENT (LEB100F-0524)

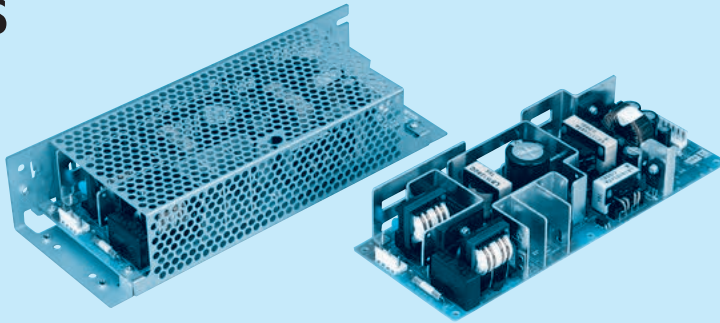


INPUT HARMONIC CURRENT (LEB100F-0524)



LEB150F

LEB 150 F -05 24 -□



Example recommended EMI/EMC filter
NAC-06-472



High voltage pulse noise type : NAP series
Low leakage current type : NAM series
* A higher current rating EMI/EMC filter may be recommended in view of the other devices that could be connected in parallel with the power supply.

- 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

*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations.

MODEL	LEB150F-0512	LEB150F-0324	LEB150F-0524	LEB150F-0530	LEB150F-0536
DC OUTPUT	V1 +5V 5A	+3.3V 5A	+5V 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	+36V 4(Peak 6.7)A

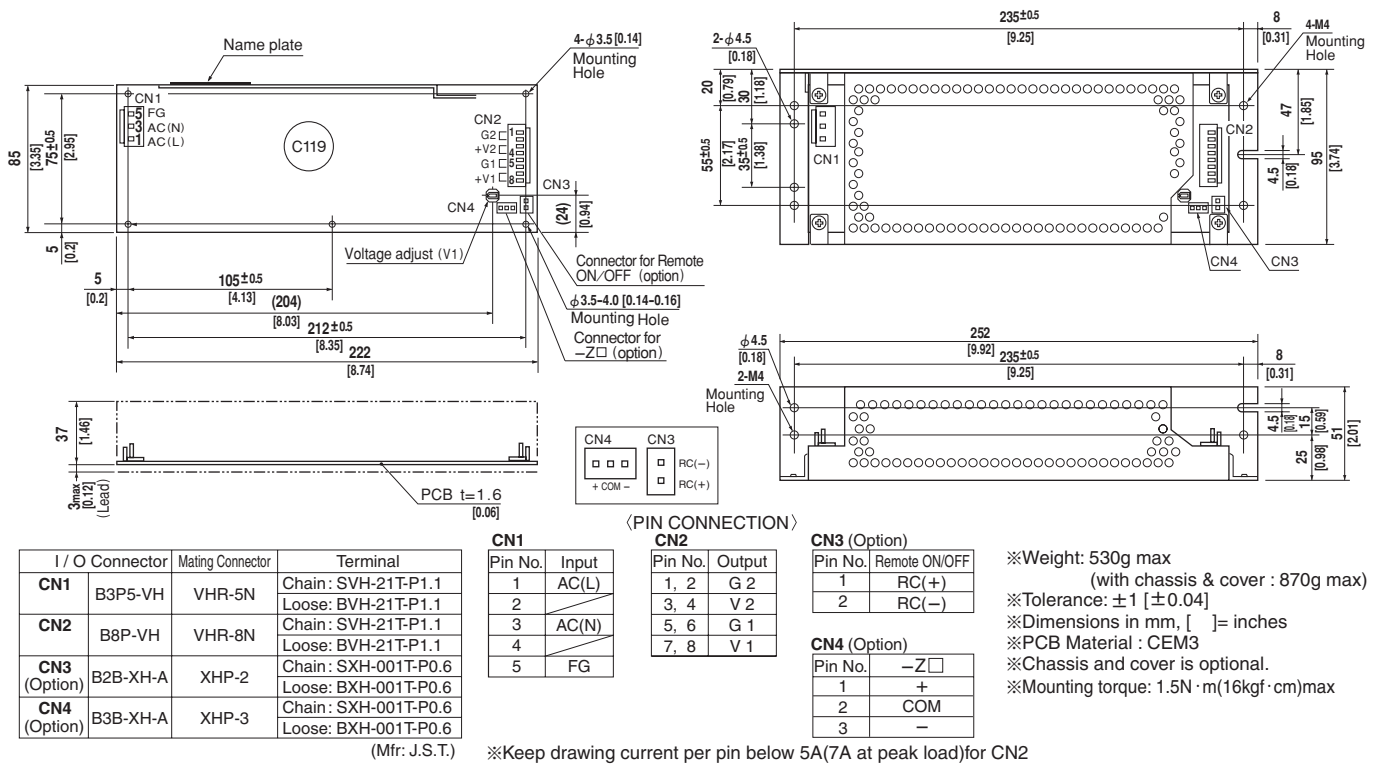
SPECIFICATIONS

	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℃)									
		ACIN 200V	30typ (Io=100%) (At cold start) (Ta=25℃)									
	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 - 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]		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 +45℃	*4 80max	120max	80max	120max	80max	120max	80max	200max	80max	200max
		-10 - 0℃	*4 140max	160max	140max	160max	140max	160max	140max	240max	140max	240max
	RIPPLE NOISE[mVp-p]	0 to +45℃	*4 120max	150max	120max	150max	120max	150max	120max	300max	120max	300max
		-10 - 0℃	*4 160max	180max	160max	180max	160max	180max	160max	360max	160max	360max
	TEMPERATURE REGULATION[mV]	0 to +45℃	50max	120max	50max	240max	50max	240max	50max	300max	50max	300max
		-10 to +45℃	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℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max									
	STORAGE TEMP., HUMID. AND ALTITUDE		-20 to +75℃, 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		85 x 40 x 222mm [3.35 x 1.57 x 8.74 inches] (W x H x D) /530g max (with chassis & cover : 870g max)									
	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.

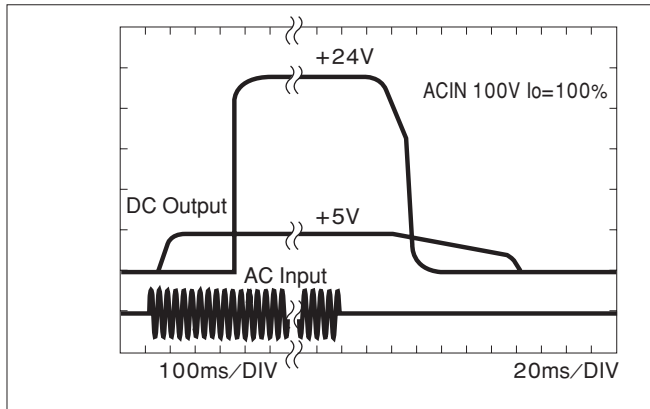
*6 ACIN 100V, Io=100%
 *7 Applicable when remote control (optional) is added.
 *8 Please contact us about safety approvals for the model with option.
 *9 Please contact us about class C.
 * Series/Parallel operation is not possible.
 * Derating is required when operated with chassis and cover.
 * A sound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

External view

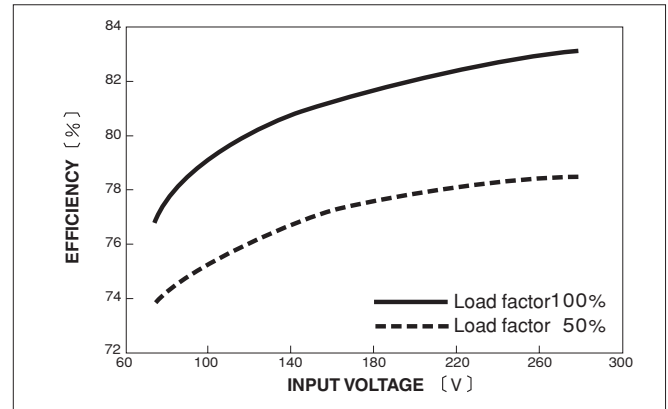


Performance data

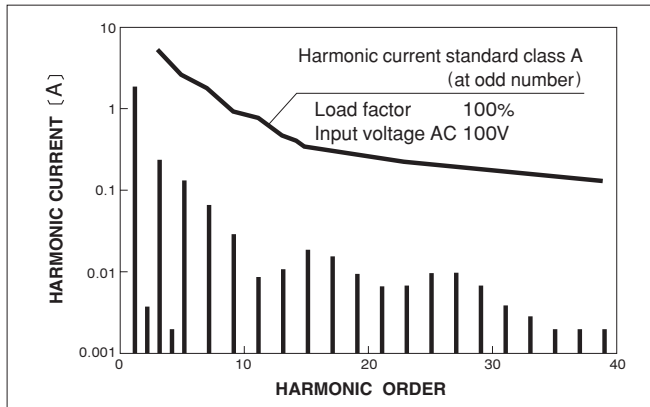
RISE TIME & FALL TIME (LEB150F-0524)



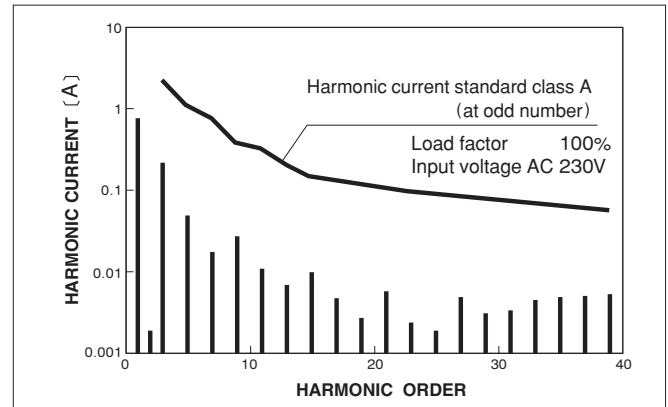
EFFICIENCY (LEB150F-0524)



INPUT HARMONIC CURRENT (LEB150F-0524)

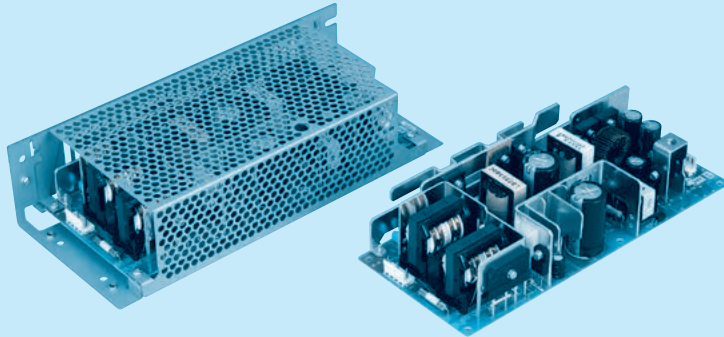


INPUT HARMONIC CURRENT (LEB150F-0524)



LEB225F

LEB 225 F -05 24 -□



Example recommended EMI/EMC filter
NAC-06-472



High voltage pulse noise type : NAP series
Low leakage current type : NAM series
* A higher current rating EMI/EMC filter
may be recommended in view of the
other devices that could be connected
in parallel with the power supply.

- 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

*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations.

MODEL	LEB225F-0512	LEB225F-0324	LEB225F-0524	LEB225F-0530	LEB225F-0536
DC OUTPUT	V1	V1	V1	V1	V1
	V2	V2	V2	V2	V2

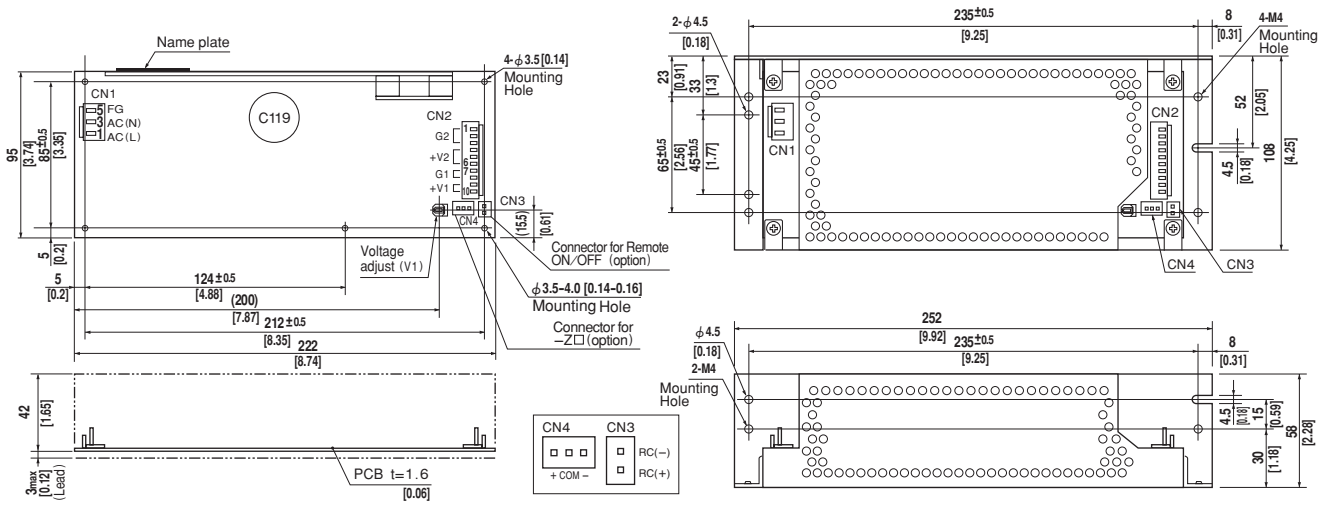
SPECIFICATIONS

	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%)	81typ (Io=100%)	81typ (Io=100%)	81typ (Io=100%)					
		ACIN 200V	79typ (Io=100%)	83typ (Io=100%)	83typ (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	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 +40°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 +40°C	50max	120max	50max	240max	50max	240max	50max	300max	50max	300max
		-10 to +40°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									
	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		95 x 45 x 222mm [3.74 x 1.77 x 8.74 inches] (W x H x D) /700g max (with chassis & cover : 1,080g max)									
	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



I / O Connector		Mating Connector	Terminal
CN1	B3P5-VH	VHR-5N	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

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

IN CONNECTION>

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

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

Pin No.	
1	+
2	COM
3	-

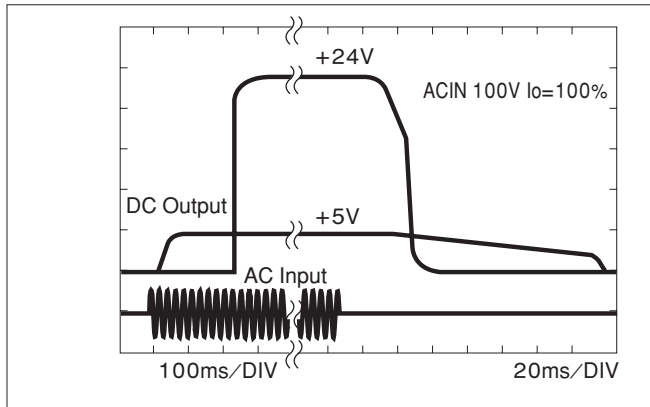
- ※Weight: 700g max
(with chassis & cover : 1,080g max)
- ※Tolerance: ± 1 [± 0.04]
- ※Dimensions in mm, [] = inches
- ※PCB Material : CEM3
- ※Chassis and cover is optional.
- ※Mounting torque: 1.5N · m(16kgf · cm)max

(Mfr: J.S.T.)

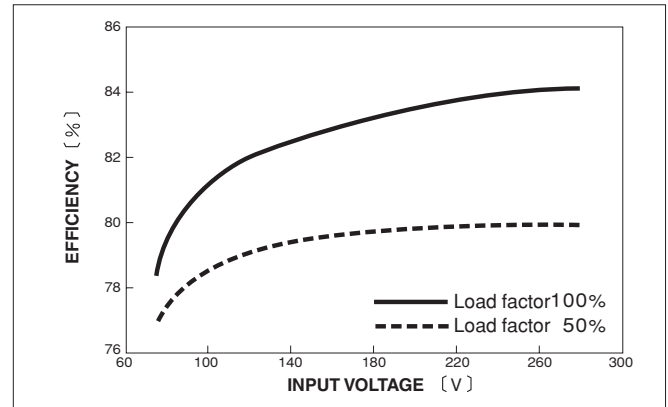
※Keep drawing current per pin below 5A (7A at peak load) for CN2

Performance data

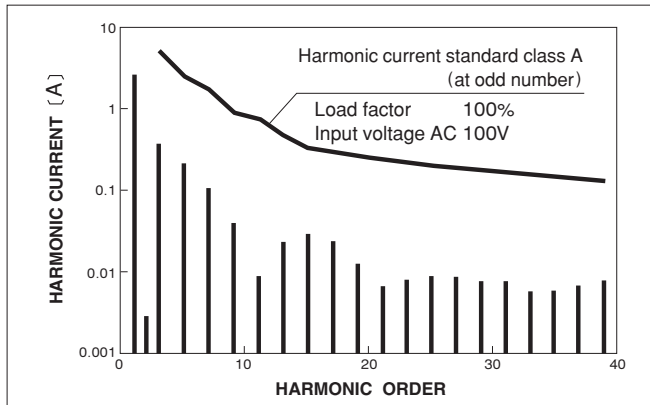
■ RISE TIME & FALL TIME (LEB225F-0524)



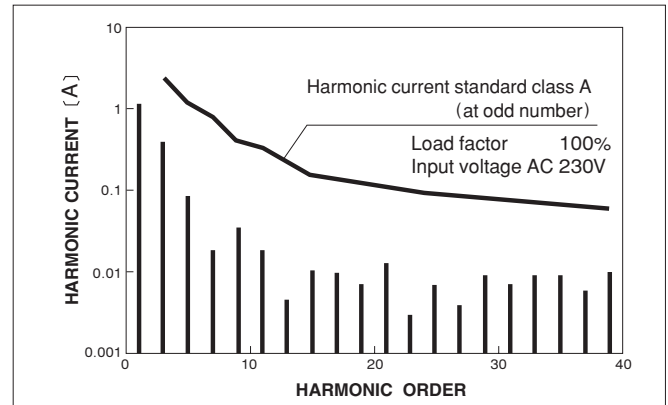
■ EFFICIENCY (LEB225F-0524)



■ INPUT HARMONIC CURRENT (LEB225F-0524)



■ INPUT HARMONIC CURRENT (LEB225F-0524)





Макро Групп – это:

- дистрибьютор электронных компонентов с 1994 года
- контрактный производитель электроники с 2007 года с собственным производством в Санкт-Петербурге (компания Макро ЕМС, входит в ГК Макро Групп)
- поставщик полупроводниковых материалов
- комплексный поставщик электронных компонентов
- моделирование и производство полупроводниковых эпитаксиальных гетероструктур для задач оптоэлектроники

Головной офис расположен в Санкт-Петербурге. Собственные представительства в крупных промышленных городах России и стран СНГ.

Преимущества для наших заказчиков:

- работа по тендерам с 2012 года
- оформление банковских гарантий
- отсрочки платежей
- поставка электронных компонентов по проектным ценам
- инженерная поддержка проектов заказчиков
- сертификат системы менеджмента качества ISO 9001-2015
- необходимые сертификаты и лицензии

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