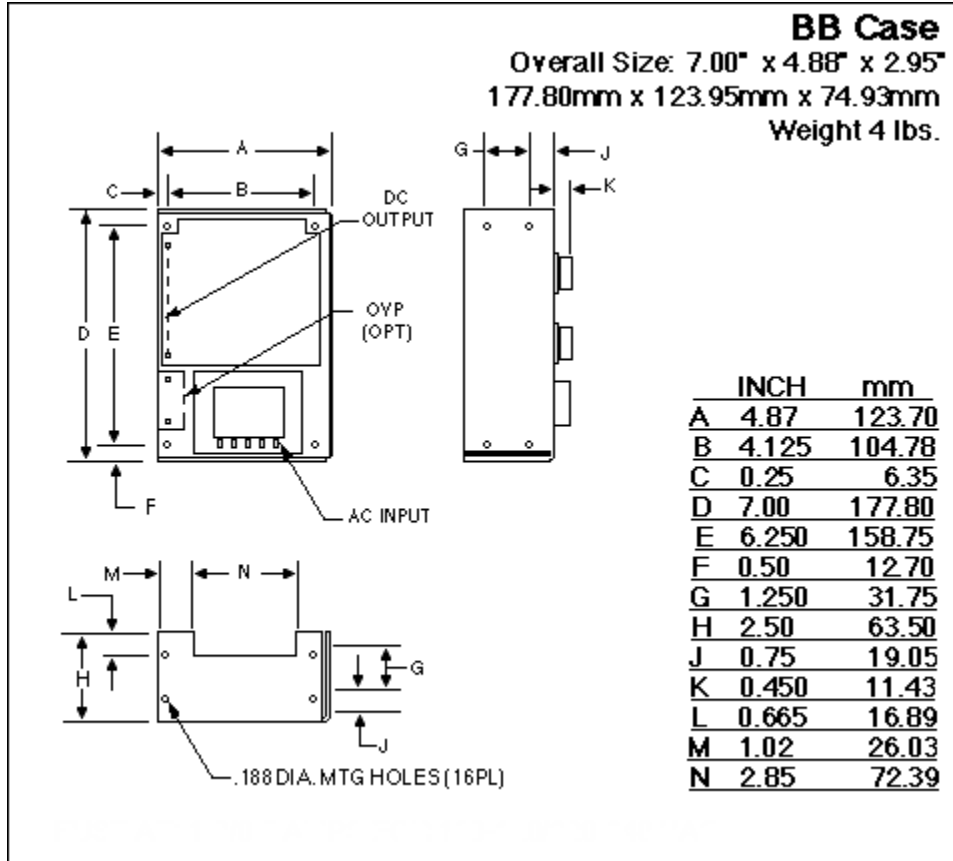# SPECIFICATIONS: LINEAR POWER SUPPLY **IHBB24-1.2**   **MADE IN THE U.S.A.**

VAC INPUT:
- **100/120/220/240 VAC, +10%, -13%**
- **TOLERANCE FOR 230 VAC IS +15%, -10%**
- **FREQUENCY RANGE: 47-63HZ**

VAC JUMPERING AND FUSING REQUIREMENTS:
SILKSCREENED ON CHASSIS FOR TRANFORMER PRIMARY TERMINALS

For Use at	100VAC	120VAC	220VAC	230/240VAC
Jumper	1&3, 2&4	1&3, 2&4	2&3	2&3
Apply AC	1&5	1&4	1&5	1&4
Max Current / Fuse Rating	1.5A		0.75A	

VDC OUTPUT:
- **+/-24 VDC @ 1.2 AMP**

OVERVOLTAGE PROTECTION:
- **NOT PROVIDED. AVAILABLE ON THE 24VDC OUTPUT WITH IOVP12 MODULE**

SHORT CIRCUIT PROTECTION:
- **AUTOMATIC FOLDBACK**

OVERLOAD PROTECTION:
- **AUTOMATIC CURRENT LIMIT**

LINE REGULATION:
- **+/- 0.05% FOR A 10% LINE CHANGE**

LOAD REGULATION:
- **+/- 0.05% FOR A 50% LOAD CHANGE**
  (DERATE OUTPUT CURRENT 10% FOR 50 HZ OPERATION)

OUTPUT RIPPLE: 5.0 mV PK-PK MAXIMUM

TRANSIENT RESPONSE: < 50 μsec per 50% LOAD CHANGE

TEMPERATURE RATINGS:
- **OPERATING: 0°C TO 50°C FULL RATED**
  DERATED LINEARLY TO 40% @ 70°C
- **STORAGE: -40°C TO +85°C**

TEMPERATURE COEFFICIENT:
- **TYPICAL: 0.01%/DEGREE C**
- **MAXIMUM: 0.03%/DEGREE C**

STABILITY: +/- 0.3% FOR 24 HOURS AFTER 1 HOUR WARM-UP

EFFICIENCY (TYPICAL): 45%

VIBRATION:
- **MIL-STD-810G, METHOD 514.6, CATEGORY 1, PROCEDURE1**
- **RANDOM VIBRATION 10Hz - 2KHz, 6.15 grams (3 axis)**

SHOCK:
- **MIL-STD-810G, METHOD 516.6, PROCEDURE III**
- **OPERATING: 20 GPK**

REMOTE SENSING: NOT PROVIDED

EMI/RFI: INHERENT LOW CONDUCTED AND REDIATED NOISE LEVELS.
- **EMI: FCC CFR TITLE 47 PART 15 SUB-PART B**
- **RFI: EN55022/CISPR22-LEVEL B COMPATIBILITY**

UL recognized for US and Canada – File#E133338/ CE Mark: LVD 92/59/EEC/ RoHs-5 Lead in Solder Exemption
US and Canadian (Bi-National) standards: ANSI/UL 60950-1/-21; CAN/CSA C22.2 #60950-1/-21; IEC 60950-1

CASE SIZE: BB

BB Case
Overall Size: 7.00" x 4.88" x 2.95"
177.80mm x 123.95mm x 74.93mm
Weight 4 lbs.

DC OUTPUT

OVP (OPT)

AC INPUT

.188 DIA. MTG HOLES (16PL)

	INCH	mm
A	4.87	123.70
B	4.125	104.78
C	0.25	6.35
D	7.00	177.80
E	6.250	158.75
F	0.50	12.70
G	1.250	31.75
H	2.50	63.50
J	0.75	19.05
K	0.450	11.43
L	0.665	16.89
M	1.02	26.03
N	2.85	72.39

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