20-3411 A

REVISIONS		
REV	DESCRIPTION	DATE
A0	CHANGED PER ECN 06-014, 07-006	4/26/2006

SAFETY

SAFETY STANDARDS COMPLIANCE:
- TUV EN 60950
- CE EN 50082-1
- UL1310, CLASS 2
- UL48

EMI STANDARDS:
- FCC 47 CFR PART 15 CLASS B

SAFETY CERTIFICATIONS
- UL E234571
- CUL E234571
- CE EMC-1-0601022
- FCC FCCE-1-0601022
- IP IPT950079
- UL E249377
- CUL E249377

INPUT

INPUT RANGE: AC 115/230V, Full Range.
100 - 240 VAC, 1.5 A @ FULL LOAD.

FREQUENCY: 47 - 63 Hz.

EFFICIENCY: 85 % Typ.

PEAK INRUSH:
- 20 AMPS @ 115V AC
- 40 AMPS @ 230V AC

OUTPUT

LOAD CAPACITY: 96 WATTS

OUTPUT	MIN	MAX	LOAD REG	MAX. RIP
+19V	1.0 AMPS	5.0 AMPS	+5%/-5%	

*** CALIBRATE AT +16V@5A ***

MISCELLANEOUS

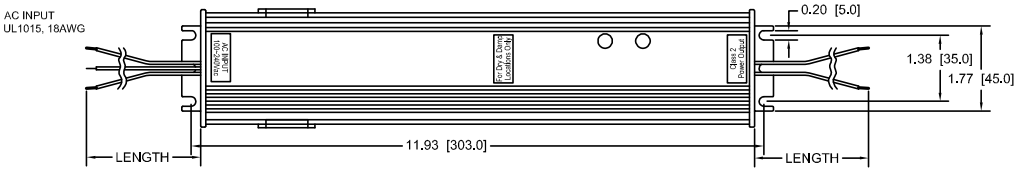
COOLING: CONVECTION

NOISE LEVEL: 0 dB

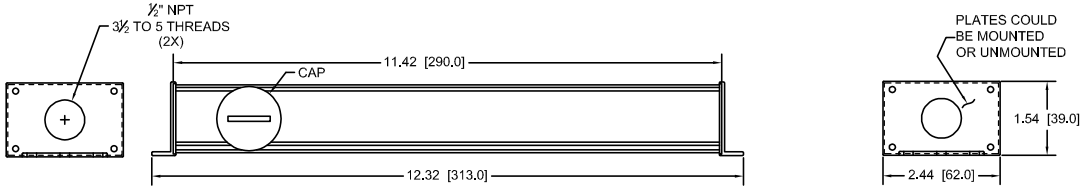
RELIABILITY (MTBF): (MIL-HDBK-217E)
100,000 HRS. @ 25 DEG. C @ FULL LOAD

ENVIRONMENTAL CONDITIONS:
- OPERATING TEMPERATURE: -30 ~ 70°C
- RELATIVE HUMIDITY: 5 ~ 95%
- LOCATION: DAMP OR DRY

CONNECTOR:



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	---	BLACK	LINE	18	4.4 [112] +0.6 [+15] -0.0 [0.0]
	---	WHITE	NEUTRAL	18	
	---	GRN/YEL	AC GND	18	
DC OUT	---	YELLOW	+V	18	
	---	BLACK	GND	18	



NOTES:
TEMP DE-RATING 1% PER °C FROM 50°C TO 70°C
FOR DRY AND DAMP LOCATIONS ONLY
STYLMARK #230425

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD. CN-0154

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS IN INCHES [MM]
TOLERANCES:
.X DECIMALS± .05 [1.3]
.XX DECIMALS± .02 [0.5]
.XXX DECIMALS± .005 [0.13]
ANGLES± 1°
FRACTIONS± 1/16
DO NOT SCALE THIS DRAWING
INTERPRET DRAWING PER ANSI Y14.5M

APPROVAL DATE	6/14/2006
EFFECTIVE DATE	4/26/2006
CHECKED BY	
APPROVED BY	

MAGTECH

TITLE: LP1090-19-GG-290, STD, +16V@5A

MODEL NO.	DWG NO.	REV.	SH	OF
LP1090-19-GG290	M20-3411	A0	1	1

FORM PF-0004

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