

20-4167 A

REVISIONS		
REV	DESCRIPTION	DATE
A0	RELEASE TO PRODUCTION	5/2/2011

SAFETY STANDARDS COMPLIANCE:
 UL1310, CLASS 2
 LVD EN 60950
 UL48

EMI STANDARDS:
 FCC 47 CFR PART 15 CLASS B
 CE EN55022, EN55011 CLASS B
 EN61000-4-2,3,4,5,6,8,11

SAFETY CERTIFICATIONS
 CUL E234571
 UL E234571
 CE FV561623
 CE EC561623
 CUL E249377
 UL E249377

LVD EN61347 95-0146-3
 EMC EN55015, EN61000,
 EN61547 06-09-MAS-130-03

INPUT RANGE: AC 115/230V, Auto Switch.
 100 - 240 VAC, 0.5 A @ FULL LOAD.
 277 - 277 VAC, 0.13 A @ FULL LOAD.

FREQUENCY: 47 - 63 Hz. **POWER FACTOR:** > 0.92

EFFICIENCY: 85 % Typ. **LEAKAGE CURRENT:**

PEAK INRUSH: < 0.25mA @ 115VAC
 10 AMPS @ 115V AC
 20 AMPS @ 230V AC

LOAD CAPACITY: 25 WATTS

OUTPUT	MIN	MAX	LOAD REG
1.0A	12.0 VOLTS	24.0 VOLTS	+5%/-5%

COOLING: CONVECTION

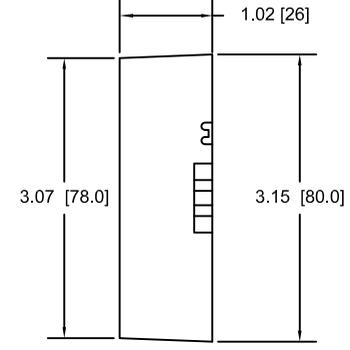
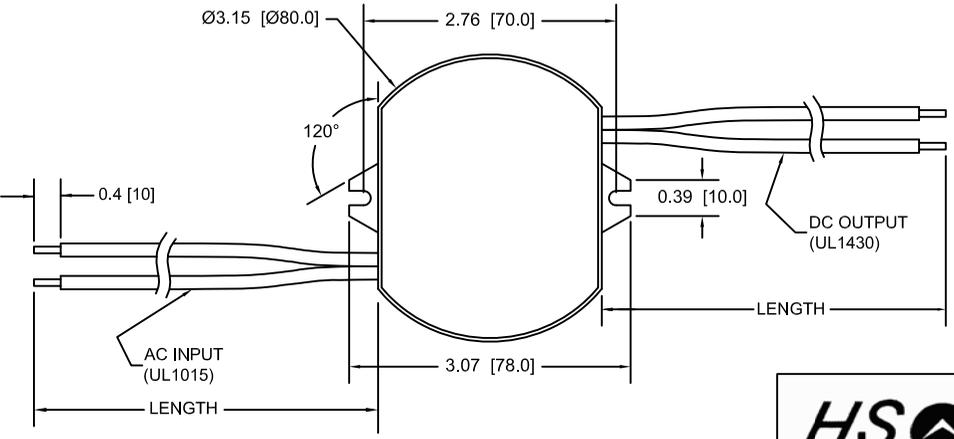
NOISE LEVEL: 0 dB

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: DRY OR DAMP

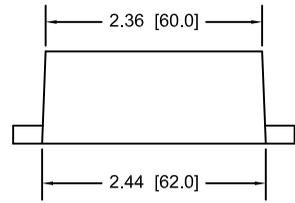
CONNECTOR:

PROTECTION:
 OCP,SCP
 AUTO-RECOVERY



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	-	BLACK	LINE	18	6.0 [152]
	-	WHITE	NEUTRAL	18	
DC OUT	-	GRAY	+V	18	+0.5 [+13]
	-	BLACK	GND	18	-0.0 [-0]

MISCELLANEOUS OUTPUT



H/S HIGH PERFECTION TECH.
 CLASS 2 POWER SUPPLY
 www.highperfection.com.tw

MODEL: LP1025-24-C1000
PART NO: 20-4167

AC INPUT: 100~240Vac / 0.5A
 277Vac / 0.125A, 47~63Hz

DC OUTPUT: 1.0A / 12~24V
 MAX. 25 WATTS

AC-Dimm®

AC INPUT	RoHS	DC OUTPUT
L -- BLACK	rev A	+ -- GRAY
N -- WHITE		- -- BLACK

S/N.: 0601SAMPLE MADE IN TAIWAN

Light Engine: XICATO
XSM8030-1300/A3A, 32V/1.0A
 MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD. LIGHTING SERVICES IN



NOTES:
 TEMP DE-RATING 1% PER °C FROM 60°C TO 70°C

THIS ITEM IS THE PROPERTY OF MAGTECH INDUSTRIES AND CONTAINS PROPRIETARY CONFIDENTIAL AND TRADE SECRET INFORMATION. THE INFORMATION CONTAINED HEREIN MUST NOT BE USED, DISCLOSED OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT FROM MAGTECH IND.					
UNLESS OTHERWISE SPECIFIED	APPROVAL DATE	5/2/2011			
DIMENSIONS IN INCHES (MM)	EFFECTIVE DATE	5/2/2011			
TOLERANCES: .X DECIMALS± .05 [1.3] .XX DECIMALS± .02 [0.5] .XXX DECIMALS± .005 [0.13] ANGLES± 1° FRACTIONS± 1/16	T I T L E : LP1025-24-C1000, CN-0237, 277VAC, 1.0A, AC DIMM				
DO NOT SCALE THIS DRAWING	APPROVED BY		MODEL NO.	DWG NO.	REV. A0
INTERPRET DRAWING PER ANSI Y14.5M			LP1025-24-C1000	M20-4167	SH OF 1 1