20-4172 A

REVISIONS		
REV	DESCRIPTION	DATE
A0	RELEASE TO PRODUCTION	11/2/2011

SAFETY

SAFETY STANDARDS COMPLIANCE:
UL1310, CLASS 2
UL879

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

SAFETY CERTIFICATIONS
CUL E234571
UL E234571
CUL E249377
UL E249377
FCC F930527A04
CE CE930527A04
IP IP930102
CE SCH DE2-014226

INPUT

INPUT RANGE: AC 115/230V, Full Range.
100 – 277 VAC, 0.3 A @ FULL LOAD.

FREQUENCY: 50 – 60 Hz.
EFFICIENCY: 82 % Typ.
PEAK INRUSH:
10 AMPS @ 115V AC
20 AMPS @ 230V AC

POWER FACTOR: > 0.92
LEAKAGE CURRENT:
< 0.75mA @ 230VAC

OUTPUT

LOAD CAPACITY: 20 WATTS

OUTPUT	MIN	MAX	LOAD REG	
1200mA	9.0 VOLTS	17.0 VOLTS	+5%/-5%	0mV p/p

MISCELLANEOUS

COOLING: CONVECTION

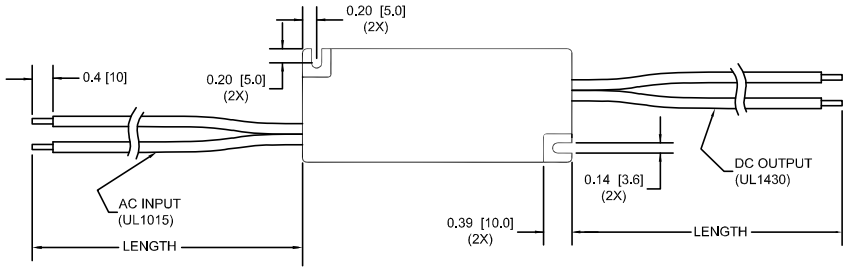
NOISE LEVEL: 0 dB

PROTECTION:
OVP,OCP,SCP
AUTO-RECOVERY

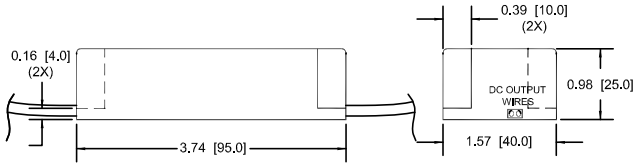
RELIABILITY (MTBF): (MIL-HDBK-217E)
100,000 HRS. @ 25 DEG. C @ FULL LOAD

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

CONNECTOR:



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



NOTES:
TEMP DE-RATING 1% PER °C FROM 60°C TO 70°C
MAGTECH PROVIDES 3 YEARS WARRANTY (STANDARD)

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

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 INC.

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

QC:

MAGTECH

TITLE: LP1020-17-C1200, 100~277VAC, 1.20A@9~17V

APPROVAL DATE: 11/2/2011	MODEL NO.	DWG NO.	REV. A0	SH OF
EFFECTIVE DATE: 11/5/2011	LP1020-17-C1200	M20-4172		1 1

FORM PF-0004

11/2/2011 2:59:06 PM