

20-3774 A

REVISIONS		
REV	DESCRIPTION	DATE
A0	RELEASE TO PRODUCTION	3/13/2008

**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 VAC, 0.125 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
350mA	12.0 VOLTS	24.0 VOLTS	+5%/-5%

**COOLING:** CONVECTION

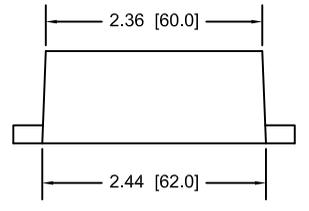
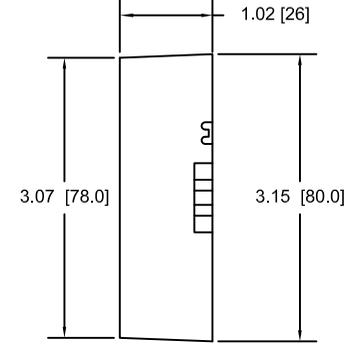
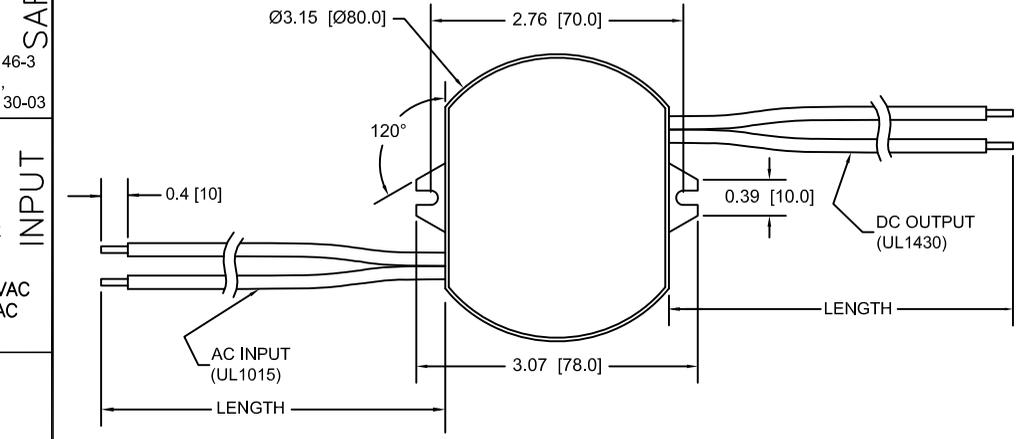
**NOISE LEVEL:** 0 dB

**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: DAMP OR DRY

**CONNECTOR:**

**PROTECTION:**  
 OCP,SCP  
 AUTO-RECOVERY



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

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

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

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UNLESS OTHERWISE SPECIFIED	APPROVAL DATE	3/13/2008	
DIMENSIONS IN INCHES [MM]	EFFECTIVE DATE	3/13/2008	
TOLERANCES: .X DECIMALS± .05 [1.3] .XX DECIMALS± .02 [0.5] .XXX DECIMALS± .005 [0.13] ANGLES± 1° FRACTIONS± 1/16	CHECKED BY		
DO NOT SCALE THIS DRAWING INTERPRET DRAWING PER ANSI Y14.5M	APPROVED BY		

TITLE: LP1025-24-C0350, STD 277VAC

MODEL NO. LP1025-24-C0350	DWG NO. M20-3774	REV. A0	SH OF 1 1
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