

A

B

C

D

E

A

B

C

D

E

20-3355 A

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

INPUT RANGE:
100 – 132 VAC, 0.3 A @ FULL LOAD.

FREQUENCY: 50 – 60 Hz. POWER FACTOR: > 0.92
EFFICIENCY: 82 % Typ. LEAKAGE CURRENT:
PEAK INRUSH: < 0.75mA @ 230VAC
10 AMPS @ 115V AC
0 AMPS @ 230V AC

LOAD CAPACITY: 20 WATTS
OUTPUT MIN MAX LOAD REG
700mA 6.0 VOLTS 24.0 VOLTS +5%/-5%

COOLING: CONVECTION PROTECTION:
NOISE LEVEL: 0 dB 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

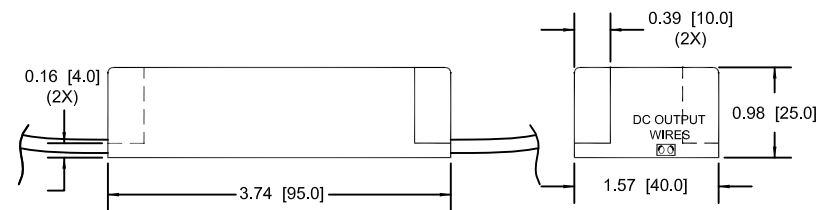
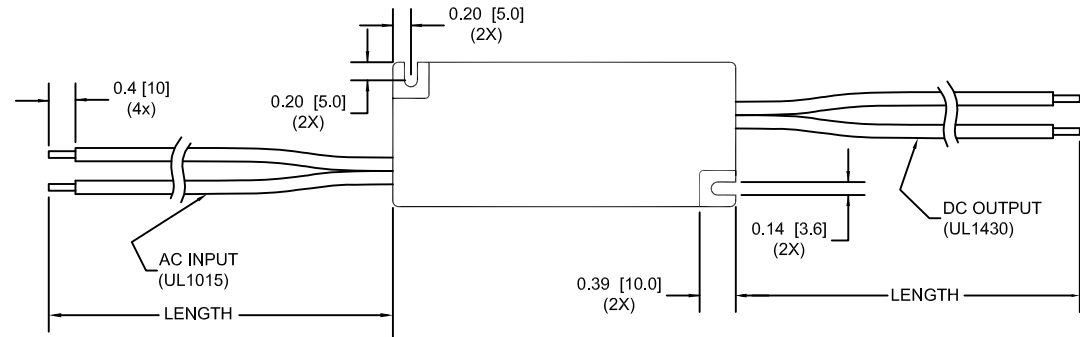
CONNECTOR:

SAFETY

INPUT

OUTPUT

MISCELLANEOUS



NOTES:
TEMP DE-RATING 2% PER °C FROM 60°C TO 70°C
CALIBRATE AT 700mA@6V TO 24V
MAGTECH PROVIDES 3 YEARS WARRANTY (STANDARD)

REVISIONS		
REV	DESCRIPTION	DATE
A0	CHANGED PER ECN 13-009	6/14/2005

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]

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.				CN-0144	
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UNLESS OTHERWISE SPECIFIED		QC:			
DIMENSIONS IN INCHES (MM)					
TOLERANCES:					
.X DECIMALS±	.05 [1.3]				
.XX DECIMALS±	.02 [0.5]				
.XXX DECIMALS±	.005 [0.13]				
ANGLES±		1°		TITLE : LP1020-24-A0700, CN-0144, 700mA	
FRACTIONS±		1/16			
DO NOT SCALE THIS DRAWING		EFFECTIVE DATE: 6/14/2005		MODEL NO,	
INTERPRET DRAWING PER ANSI Y14.5M		APPROVAL DATE: 4/4/2006		LP1020-24-A0700	
				DWG NO, M20-3355	
				REV. A0	
				SH OF 1 1	