

20-5642

A

SAFETY STANDARDS COMPLIANCE:
UL8750
UL1310

LVD EN61347-2-13
EMI STANDARDS:
FCC 47 CFR PART 15 CLASS B
CE EN55015, EN61547
EN61000-4-2,3,4,5,6,8,11

INPUT RANGE:
110-277 VAC, 150-50mA
@ FULL LOAD.

FREQUENCY: 50/60 Hz.
EFFICIENCY: 87 % Typ.

PEAK INRUSH:
6 AMPS @ 110V AC
21 AMPS @ 230V AC

THD: <20%

POWER FACTOR: 0.97

LEAKAGE CURRENT:

< 0.01mA @277VAC
Surge Immunity: 2.5K Vac

STANDARD LOAD RANGE:

OUTPUT	MIN	MAX	LOAD REG	MAX. RIP
350mA	6V	12V	±5%	N/A

COOLING: CONVECTION

NOISE LEVEL: N/A

RELIABILITY (MTBF):
100,000 HRS. @ 25 DEG. C @ FULL LOAD

ENVIRONMENTAL CONDITIONS:
OPERATING TEMPERATURE: -40 ~ 50°C
RELATIVE HUMIDITY: 5 ~ 95%
LOCATION: For Dry and Damp Use Only

CONNECTOR:
N/A

PROTECTION:
OCP,SCP,OLP
AUTO-RECOVERY

PF, THD AND EFFICIENCY CALCULATIONS ARE
BASED ON THE LOADING OF THE DRIVER TO
MINIMUM 65% AND MAXIMUM 100% OF 12W

SAFETY CERTIFICATIONS
UL, cUL E357847
CE LVD 15KWS07432D
EMC 15KWE072839E
FCC Pending

SAFETY

INPUT

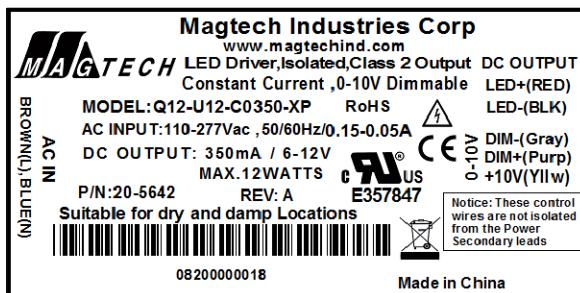
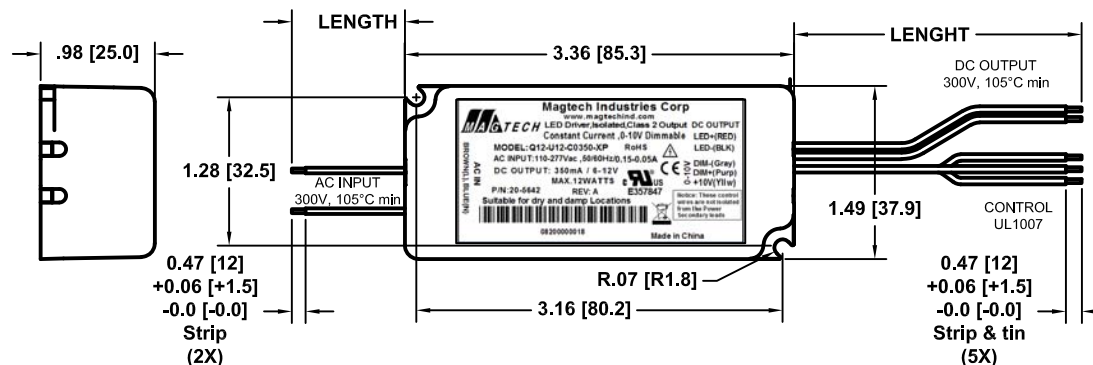
OUTPUT

MISCELLANEOUS

Notes:

- 1.- 5 yrs warr provided to point remains below 75°C
- 2.- Bar code defined by drawing 77-0120.
- 3.- Transformer - Class 130 (B), Insulation system
- 4.- Dimming: 0-10V Dimming
- 5.- Drivers comply with UL8750 Supplement SF

205642A1M1.DWG



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC	—	BROWN	LINE	18	
IN	—	BLUE	NEUTRAL	18	
DC	—	RED	+V	20	6.5 [165]
OUT	—	BLACK	GND	20	±0.5 [±13]
DIM	—	YELLOW	+10V OUT	20	
CNTL	—	PURPLE	DIM+	20	
	—	GRAY	DIM-	20	

MANUFACTURED BY: ES

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	QC:	MAGTECH	
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	APPROVAL DATE: 10/06/2016	MODEL NO.	DWG NO.
INTERPRET DRAWING PER ANSI Y14.5M	EFFECTIVE DATE: 09/29/2016	Q12-U12-C0350-XP	M20-5642
		REV. A1	SH OF 1 1

FORM PF-0004