

REVISIONS		
REV	DESCRIPTION	DATE
A1	CHANGED PER ECN 16-017	12/16/2016
A0	RELEASE TO PRODUCTION	10/09/2015

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

SAFETY CERTIFICATIONS
 UL_cUL E357847
 CE LVD 15KWS07432D
 EMC 15KWE072639E
 FCC Pending

SAFETY

INPUT RANGE:
 110-277 VAC, 300-100mA
 @ FULL LOAD.

FREQUENCY: 50/60 Hz. POWER FACTOR: 0.97
 EFFICIENCY: 87 % Typ. LEAKAGE CURRENT:
 < 0.01mA @277VAC
 PEAK INRUSH:
 6 AMPS @ 110V AC Surge Immunity: 2.5K Vac
 21 AMPS @ 230V AC

INPUT

STANDARD LOAD RANGE:	MIN	MAX	LOAD REG	MAX. RIP
OUTPUT	48V	52mA	±5%	N/A

OUTPUT

COOLING: CONVECTION **PROTECTION:**
 OCP,SCP,OLP
 AUTO-RECOVERY

NOISE LEVEL: N/A

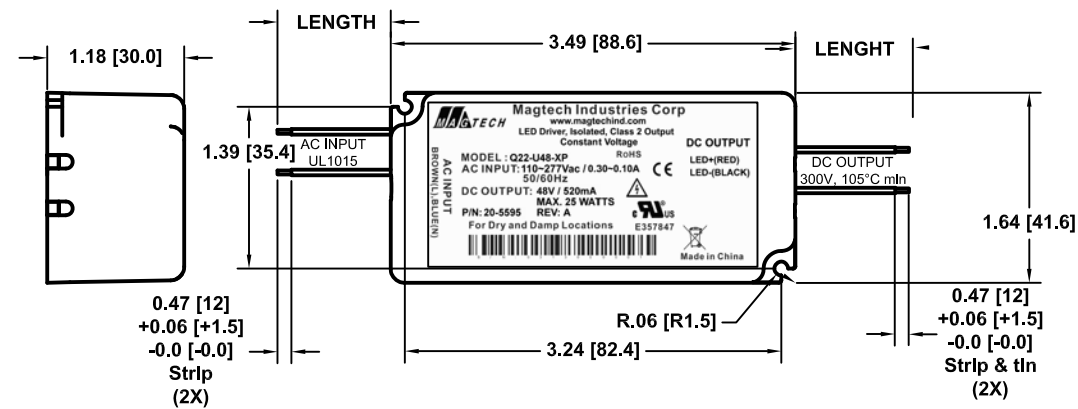
RELIABILITY (MTBF):
 100,000 HRS. @ 25 DEG. C @ FULL LOAD

MISCELLANEOUS

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

CONNECTOR:
 N/A

PF, THD AND EFFICIENCY CALCULATIONS ARE
 BASED ON THE LOADING OF THE DRIVER TO
 MINIMUM 65% AND MAXIMUM 100% OF 25W



CON	PIN	COLOR	OUTPUT	AWG	LENGTH
AC IN	-	BROWN	LINE	20	6.5 [165]
	-	BLUE	NEUTRAL	20	
DC OUT	-	RED	+V	20	±0.5 [±13]
	-	BLACK	GND	20	

- Notes:
 1.- Magtech provides 3 years warranty (standard)
 2.- Bar code defined by drawing 77-0120.
 3.- Transformer - Class 130 (B), Insulation system

MANUFACTURED BY: ES

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UNLESS OTHERWISE SPECIFIED Q.C:

TOLERANCES:
 .X DECIMALS: .05 (1.3)
 .XX DECIMALS: .02 (0.5)
 .XXX DECIMALS: .005 (0.13)
 ANGLES: ±°
 FRACTIONS: 1/16

DO NOT SCALE THIS DRAWING APPROVAL DATE: 10/16/2015 MODEL NO. Q22-U48-XP DWG NO. M20-5595 REV. A1 SH OF 1 1

INTERPRET DRAWING PER ANSI Y14.5M EFFECTIVE DATE: 10/09/2015

MAGTECH

TITLE: Q22-U48-XP, 110-277VAC, 48V, 520mA, NON-DIM

FORM PF-004