

REVISIONS		
REV	DESCRIPTION	DATE
A0	RELEASE TO PRODUCTION	07/16/2021

SAFETY STANDARDS COMPLIANCE:
 UL8750
 UL1310
 ANSI C82.77-10-2014
 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
 FCC A001E130624017E
 EMC dir A001E121227003E
 LVD A001E121227003S

SAFETY

INPUT RANGE:
 110-277 VAC, 120-50mA
 @ FULL LOAD.

FREQUENCY: 60 Hz.

EFFICIENCY: 87 % Typ.

PEAK INRUSH:
 10 AMPS @ 110V AC
 20 AMPS @ 220V AC

DIMMING:
 AC Phase - Trailing edge only
 THD<20%

POWER FACTOR: 0.97

LEAKAGE CURRENT:
 < 0.01mA @120VAC
 Surge Immunity: 2.5K Vac

INPUT

LOAD CAPACITY:	9 WATTS
OUTPUT	MIN MAX LOAD REG MAX. RIP
	350mA 16V 24V 5% 2.4%

MISCELLANEOUS OUTPUT

COOLING: CONVECTION

NOISE LEVEL: <24 dB (Doc A001E130422009K)

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

ENVIRONMENTAL CONDITIONS:
 LOWEST OPERATING TEMPERATURE: -40°C Tc=80°C
 RELATIVE HUMIDITY: 5 - 95%
 LOCATION: For Dry and Damp Use Only

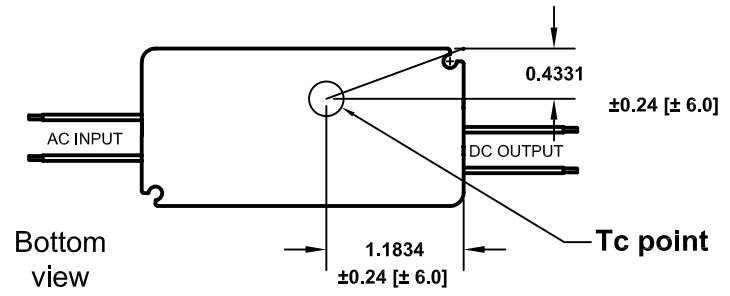
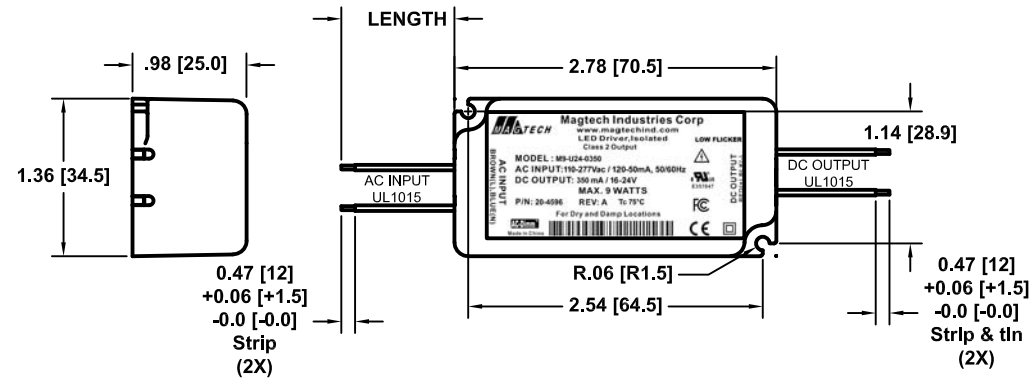
CONNECTOR:
 N/A

PROTECTION:
 OCP,SCP,OVP
 AUTO-RECOVERY

MISCELLANEOUS OUTPUT

PF, THD AND EFFICIENCY CALCULATIONS ARE BASED ON THE LOADING OF THE DRIVER TO MINIMUM 65% AND MAXIMUM 100% OF 9W

- Notes:
- 5 yrs warr provided tc point remains below 75°C
 - Bar code defined by drawing 77-0121.
 - Transformer - Class 130 (B), Insulation system
 - Flicker <30% (for frequencies below 150Hz)



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

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UNLESS OTHERWISE SPECIFIED Q.C:

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

APPROVAL DATE: 07/16/2021

EFFECTIVE DATE: 07/16/2021

MODEL NO. M9-U24-0350

DWG NO. M20-4596

REV. A0

SH OF 1 1

MAGTECH

T I T L E :
M9-U24-0350, 110-277VAC, 350mA, 16-24V, LOW FLK

FORM PF-0004