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20-3966 B

SAFETY STANDARDS COMPLIANCE:
UL8750
UL1012

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 E326521
cUL E326521
IP66 IPT20110076
CB SCHEME
DE2-015235
DE2-015256
EMC DIRECTIVE
HA110096-CE
FCC HA110096-FD

SAFETY

INPUT RANGE:
100 - 277 VAC ±10%, 0.8 A @ FULL LOAD.

FREQUENCY: 47 - 63 Hz. POWER FACTOR: 0.97
EFFICIENCY: 82 % Typ. LEAKAGE CURRENT:
PEAK INRUSH: < 0.25mA @ 115VAC
35 AMPS @ 115V AC < 0.5mA @ 230VAC
70 AMPS @ 230V AC Surge Immunity: 4KVac

INPUT

LOAD CAPACITY: 48 WATTS
OUTPUT MIN MAX LOAD REG MAX. RIP
700mA 30 VOLTS 52 VOLTS ±5% 5%

OUTPUT

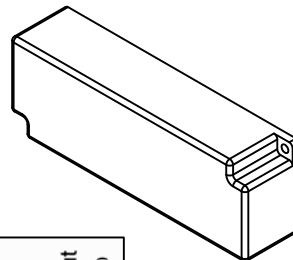
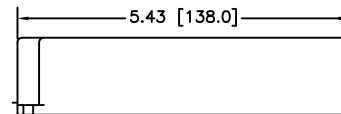
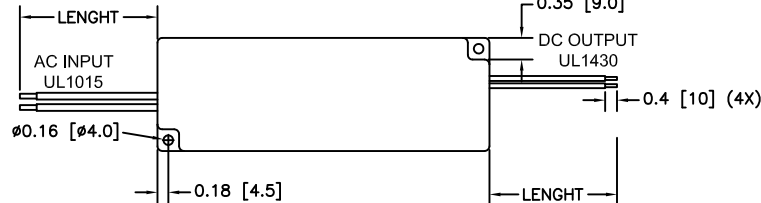
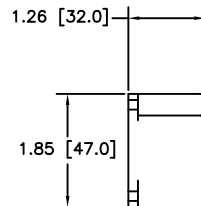
COOLING: CONVECTION PROTECTION:
NOISE LEVEL: 0 dB OCP,SCP,OVP,OTP
AUTO-RECOVERY

RELIABILITY (MTBF): (MIL-HDBK-217E)
50,000 HRS. @ 50 DEG. C @ FULL LOAD

ENVIRONMENTAL CONDITIONS:
OPERATING TEMPERATURE: -25 ~ 50°C
RELATIVE HUMIDITY: 5 ~ 95%

CONNECTOR:

MISCELLANEOUS



HST
HIGH PERFECTION TECH.
Isolated Limited output www.highperfection.com.tw

MODEL: **LF1048-48-C0700** RoHS Dry and damp use only

AC INPUT: 100-277VAC / 0.8A, 47-63Hz, PF: 0.97 IP66

DC OUTPUT: 700mA / 30-52Vdc (Con. Current) **US**
MAX. 48 WATTS E326521

P/N: 20-3966 REV.: B

MADE IN TAIWAN S/N: 1104876592

AC Input
N-White L-Black

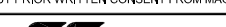
DC Output
Red(+) Black(-)

*** 5 yrs warr provided to point remains below 85°C
*** ADD LABEL TO CARTON BOX PER DOCUMENT 77-0122

REVISIONS		
REV	DESCRIPTION	DATE
B4	CHANGED PER ECO HPT US1705001 & US1705002	08/31/2017
B3	CHANGED PER ECN 14-016	09/19/2014
B2	CHANGED PER ECN 14-016	09/19/2014
B1	CHANGED PER ECN 14-005	04/01/2014
B0	CHANGED PER ECN 12-020	10/11/2012
A0	RELEASE TO PRODUCTION	05/10/2012

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

MANUFACTURED BY: HIGH PERFECTION TECHNOLOGY CO., LTD.

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UNLESS OTHERWISE SPECIFIED		QC:				
DIMENSIONS IN INCHES (MM)						
TOLERANCES:						
.X DECIMALS±						
.XX DECIMALS±						
.XXX DECIMALS±		TITLE:		LF1048-48-C0700, CN-0193, 700mA, 30~52V, 5YRS		
ANGLES±						
FRACTIONS±						
DO NOT SCALE THIS DRAWING		APPROVAL DATE: 05/25/2012	MODEL NO.	DWG NO.	REV. B4	SH OF
INTERPRET DRAWING PER ANSI Y14.5M		EFFECTIVE DATE: 04/25/2012	LF1048-48-C0700	M20-3966		1 1