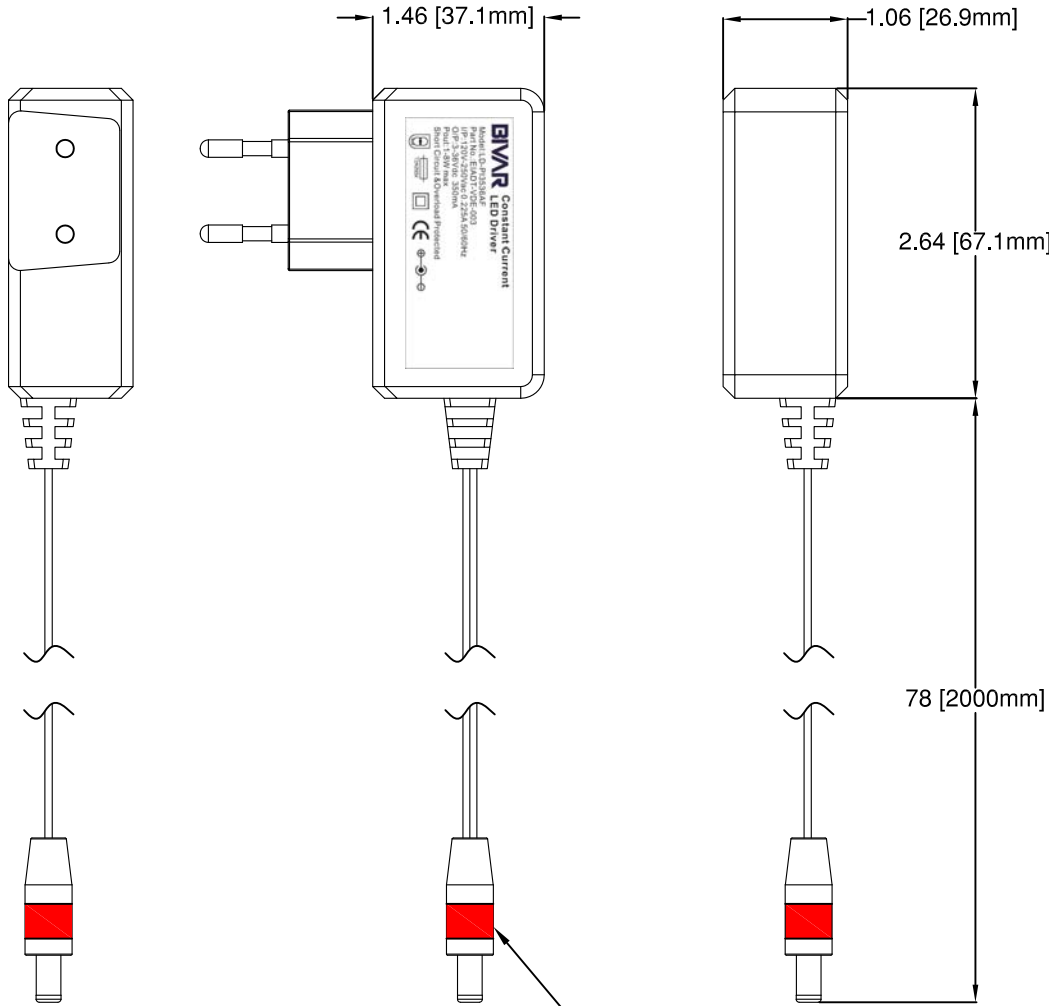


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	04/20/09	T. Y.
B	Mating Connector Update.	10/01/09	T. Y.



## BIVAR PN: EIADT-VDE-003

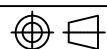
### ELECTRICAL CHARACTERISTICS

NO	ITEM	SPECIFICATION
1	AC Input Range	120 to 250VAC, Full range
2	Frequency	50/60 Hz
3	Inrush Current	30.0 Amps maximum at any input range
4	Input Current	0.225 Amps maximum at 115/230 input range
5	Efficiency	65% Typical at 120VAC and maximum load
6	EMI Filtering	FCC part 15J class B, CISPR 22 class B
7	Output Power	1 - 8W max
8	Output Voltage Range	3 - 36VDC
9	Output Current	350mA, Constant Current
10	Output Regulation	± 5% at Constant Current mode
11	Hold Up Time	10ms minimum at 120VAC and 80% of rated load
12	Protection	Overload Protection, Short Circuit Protection
13	Operating Temperature	-20°C to +60°C
14	Storage Temperature	-20°C to +80°C
15	Humidity (Non-Condensing)	5% to 95%
16	Cooling	Convection
17	Vibration Frequency	5 to 55 Hz
18	MTBF (@25°C)	>100,000 Hours at full load and 25°C ambient conditions (ML-217E)
19	Safety	CE certified

RED HEAT SHRINK TUBING  
3/8" to 3/16" x 0.150" OR EQUIVALENT



**Mating Connector:  
5.5 x 2.1 x 11mm DC Jack**

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED )		BIVAR®	
DECIMALS	ANGULAR	4 THOMAS, IRVINE, CA, 92618	
.X ± .2	X° ± 1°	TEL: (949) 951-8808 FAX: (949) 951-3974	
.XX ± .02		 <b>TITLE:</b> 8W 350mA Wide Range, VDE Approved, Constant Current LED Driver	
.XXX ± .010			
DESIGNED: <b>Raffy Paje</b>	DATE: <b>04/20/09</b>	<b>PART NO:</b> EIADT-VDE-003	REVISION: <b>B</b>
CHECKED: <b>T. Yin</b>	DATE: <b>04/20/09</b>	<b>CAGE CODE :</b> 32559	<b>SHEET #</b> 1 <b>OF</b> 1
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