

TPI-02-0606-W

Features

Two lamps output supply

5.5mA-output current

Voltage range: 10.8-13.2V

Dimming voltage range 0Vto5.0V



Electrical Characteristics

Item	Symbol	Unit	Specification			Condition	
			min	typ	max	Vin(V)	RL(kΩ)
Input Voltage	Vin	V	10.8	12.0	13.2	-	-
Input Current	Iin	mA	-	-	1100	10.8	110
Output Current	Iout(Max Dimming)	mArms	5.0	5.5	6.0	12.0	110
	Iout(Min Dimming)		1.0	1.5	2.0	12.0	110
Output Voltage	Vopen	V	1500	-	-	12.0	-
	Vlamp		-	600	-	12.0	110
Frequency	Freq	KHZ	40	50	60	12.0	110
Efficiency	η	%	75	-	-	12.0	110

Other Specifications

Dimming Function	PWM	
Open Circuit Protection	YES	
Operation Temperature	-20 ~ 75	°C
Storage Temperature	-20 ~ 85	°C
Operation Humidity	90	RH%
Storage Humidity	90	RH%

Connector

Number	Part number	Model/Material	Quantity	Remarks
1	PCB	Composite (FR-4)	1	UL94V-0 t=1.6mm
2	Input connector CN1	JS-1147H-06	1	Compatible MOLEX PN:53261-0671
3	Output connector CN2, CN3	JS-2010-02/8.0mm	2	Compatible JST PN: SM02(8.0)B-BHS-1-TB

Terminal Numbers And Functions

Input side CN1

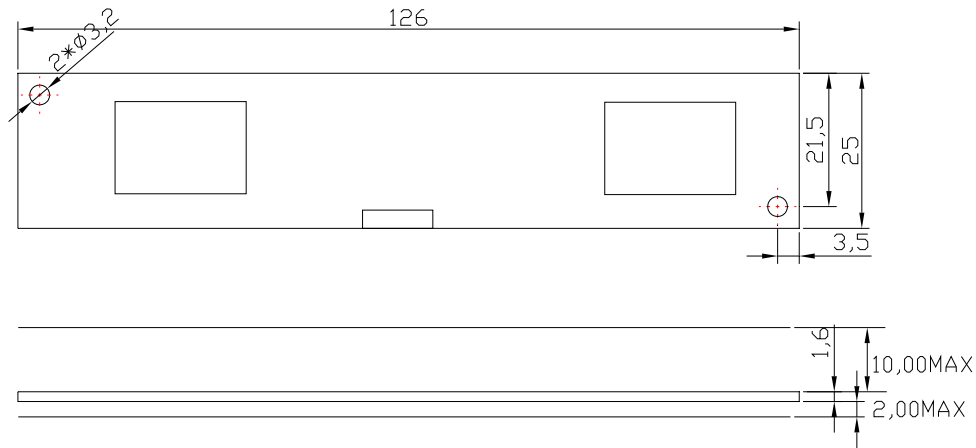
Terminal Number	Symbol	Rated Voltage	Remarks
1,2,	VIN	10.8~13.2V	
3	ON/OFF	ON:2.0~5.0V OFF: ≤1V	
4	DIMMING	Max. Current Limit (0V=6.0mA ; 5V=2.0mA)	
5,6,	GND	POWER GROUND	

Output side CN2,CN3

Terminal Number	Symbol	Rated Voltage	Remarks
1	HV	High voltage output	
2	LV	Return	

Physical Dimensions:(Unit:mm)

(Mechanical drawing)



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