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# *Crystalfontz America, Inc.*

CUSTOMER		
MODEL	CFACCFL1	
APPROVAL	BY:	DATA:

SALES BY	APPROVED BY	CHECKED BY	PREPARED BY

**Crystalfontz America, Inc.**

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## 1. GENERAL

This specification is applied to INV-038 as driver for CCFL.

## 2. INPUT CHARACTERISTICS

Parameter	Symbol	Min	Nom	Max	Unit	Remark
Input Voltage	V <sub>in</sub>	4.5	5.0	5.5	V	
Input Current	I <sub>in</sub>	—	—	450	mA	V <sub>in</sub> =5V
Input Power	P <sub>in</sub>	—	2.25	—	W	V <sub>in</sub> =5V

## 3. Output Characteristics

Parameter	Symbol	Min	Nom	Max	Unit	Remark
Output Voltage	V <sub>o</sub>	550	650		V <sub>rms</sub>	V <sub>in</sub> =5.0V
Start Voltage	V <sub>v</sub>		650			
Tube Current	I <sub>L</sub>	5.2	5.7	6.2	mA	V <sub>in</sub> =5.0V
Working Frequency	f	32	37	42	KHz	
Life Time	Hrs.		20,000		Hrs	DC 5.5V continue

NOTE: All conditions are at 25°C ambient unless otherwise specified.

## 4. General Specification

a. Temperature operating: -10~85°C

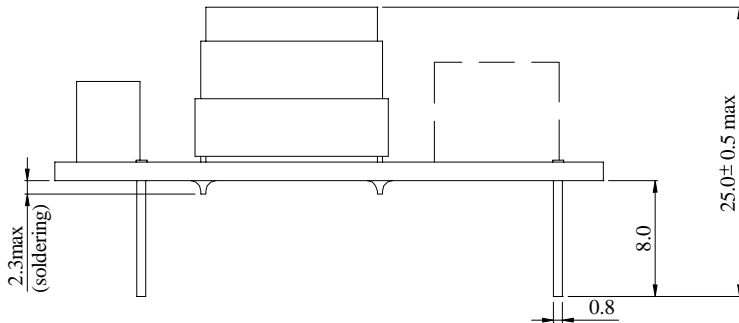
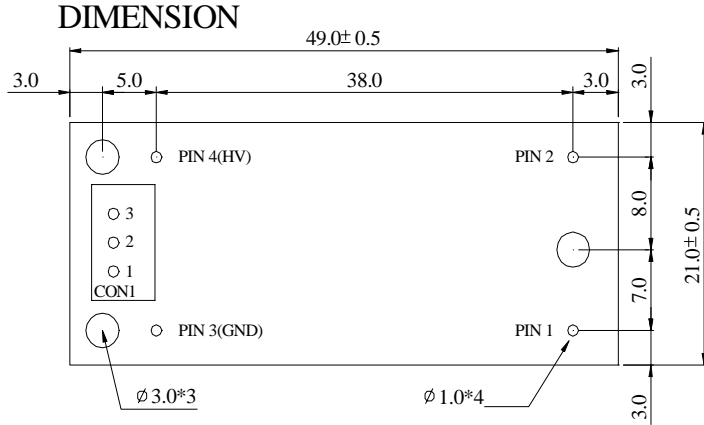
b. Temperature storage: -20~85°C

c. Humidity operating: -10~95%RH

d. Humidity storage: -20~95%RH



# CFACCFL1



PIN ASSIGNMENT

UNIT: mm

**INPUT CONNECTOR**

PIN NUMBER	FUNCTION
PIN 1	V+
PIN 2	GND

**OUTPUT(CON1) CONNECTOR 2532-03**

PIN NUMBER	FUNCTION
1	GND
2	NC
3	HV

The non-specified tolerance of dimension is  $\pm 0.3\text{mm}$