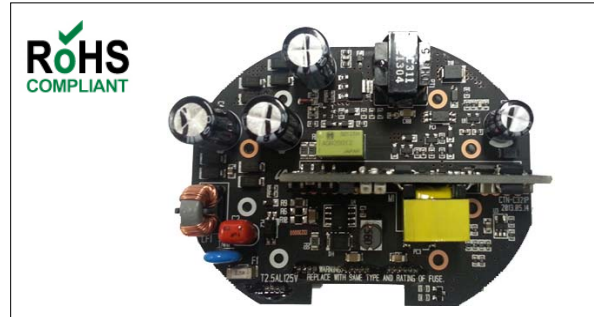


**1. Input Condition**

- 1) Rated Voltage :
  - ◆ DC12V / AC 24V
  - ◆ PoE(DC48V; IEEE802.3AF)
- 2) Variable Scope for Input Voltage :
  - ◆ DC10~14V / AC19~28V
  - ◆ PoE(DC36~57V)
- 3) Rated Frequency : 50 ~ 60Hz
- 4) Frequency Range : 47 ~ 63Hz



**2. Output Ratings**

Channel	CH1 (for Camera)	CH2 (for LED)
Rated Voltage	+12V	-
Rated Current	300mA	500mA
Regulated Output Current Variation	0.1A ~ 0.35A	-
Regulated Output Voltage Variation	+12V±5% (+11.4V ~ +12.6V)	CC Mode
Ripple & Noise	200 mVp-p MAX	-
Line-Lock Pulse	Open Collector type	-
Short Protection	No fire and smoke in condition that the circuit is shorted during 5secs.	

**3. Connector Pin Description**

PIN No.	CN1 (TM1251S-04)
1	VIDEO Signal
2	GND
3	INPUT -
4	INPUT +

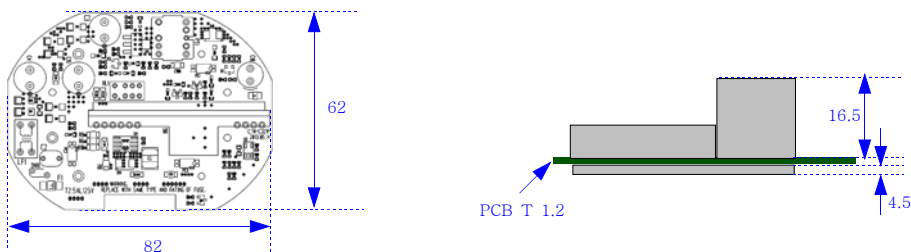
PIN No.	CN5 (TM1251S-04)
1	VB -
2	VB +
3	VA -
4	VA +

PIN No.	CN3 (TM1251S-04)
1	GND
2	CDS
3	LED -
4	LED +

PIN No.	CN4(TM1251S-06)
1	TDN
2	VIDEO Signal
3	Line-Lock Pulse
4	GND
5	+12V
6	GND



**4. Dimension (Unit mm).**



**5. Others**

- LED Current Setting :
  - 500mA : Point 'A' short (On bottom side)

