

120607A-2-CFL-INV Specification

1 Electrical characteristics

Item	Specification		
Input Voltage	Vave	DC 12	Input Voltage: DC 12V Temperature: 25±5°C Humidity: 65±20%RH Load: CFL φ7-200x2
Input Variable Range	%	±10	
Input Current	less than Aave	0.6	
Load Current	mArms	7±1x2	
Operating Frequency	kHz	30±10kHz	

2 Environmental Condition

Item	Specification		
Operating Temperature	°C	0~50	No forced-air cooling No condensation
Operational Humidity	%RH	30~85	
Storage Temperature	°C	-20~80	
Storage Humidity	%RH	20~90	

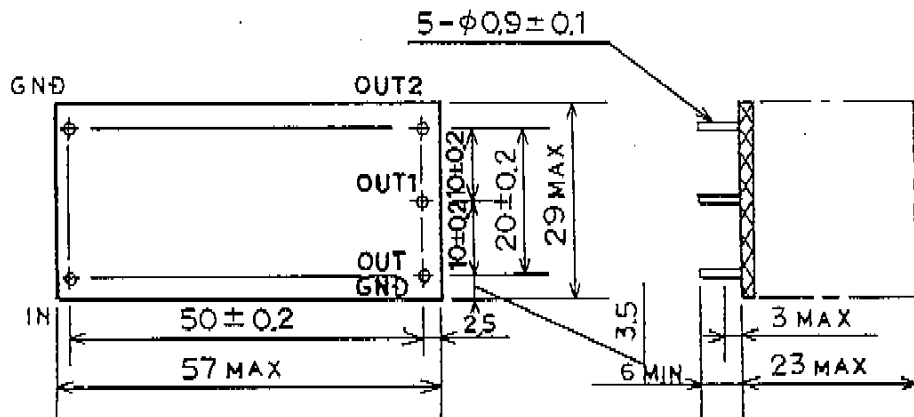
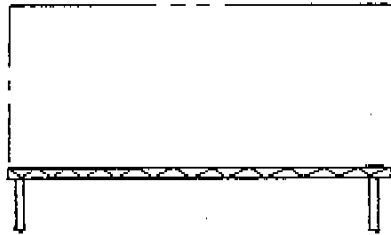
3 Others Specification

Dielectric Strength	Secondary coil-Core: 2kV for 1 minute (for transformer only)
Insulation Resistance	Secondary coil-Core: 100MΩ min. at DC 500V (for transformer only)
Vibration Resistance	No electrical and mechanical defect will be found after following vibration test. Direction: X, Y and Z (three direction) Time: 2 hours per each direction Amplitude: 1.5mm Frequency: 300~3300 times/min.
Shock Resistance	No electrical and mechanical defect will be found after following drop test. Package: Carton box Height: 65cm Floor: Concrete Direction: Horizontal Number of times: Three
Striking Characteristics	Stabilized discharge shall take place within 0.2 seconds under the following condition. -Ambient temperature: 0°C -Applied input voltage: 10.8V -Load: CFL φ7-200x2
Protective Function	In order to prevent from firing and smoking, fuses shall be connected at the inverter input side.
Precautions for Use	In addition, apply precautions for use given in D#413585157□ and D#413585160□ when using the inverter.

設計 DGN. <i>K. Yamada</i>	検図 CHK. <i>H. Tanaka</i>	承認 APP. <i>K. Sakimura</i>	品名 NAME	SHEET OF
製造日 DWG. DATE Feb 7 '96			スタンレー電気株式会社 STANLEY ELECTRIC CO., LTD.	図番 DWG. NO. 4

Outside drawing

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Note1) Interface INPUT GND:GND IN:DC+12V
 OUTPUT OUT GND:VL
 OUT1:VH OUT2:VH

Note2) Lead cut dimension (including solder finish) shall be 3 max.

Note3) Item No. and lot No. shall be indicated by label.

設計 DGN. <i>Soromori</i>	検図 CHK. <i>Y. Nakagawa</i>	承認 APP. <i>K. Yamashita</i>	品名 NAME	SHEET	OF
制定日 DWG. DATE <i>Feb. 7 '96</i>	スタンレー電気株式会社 STANLEY ELECTRIC CO., LTD.			図番 DWG. NO.	4