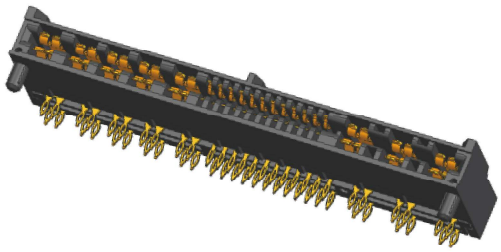
HFLPP3 series POWER CONNECTOR



Features

- It is an important part of the CRPS module in the server setup, assuming the role of power transmission and signal transmission
- Fish-eye terminals are used, allowing solder-free press-fit
- Capable of carrying three currents simultaneously: AC, DC, and signal

RoHS compliant

ELECTRICAL DATA

Rated Voltage	AC:300VAC; DC:60VDC;Signal:60VAC
Rated current	AC:25A; DC:60A; Signal:1A
Voltage Proof	AC:2000VAC;DC:1500VAC; Signal:1000VAC
Contact Resistance	AC/DC: ≤ 2mΩ; Signal: 25mΩ
Insulation Resistance	AC/DC:≥5000MΩ; Signal:500MΩ

Notes: 1) The data shown above are initial values.

STORAGE REQUIREMENT

Environment temperature	-10℃ to +40℃
Humidity	80% Max
Ambient gas	no acidity, no alkalescence and other corrosive gas
Stockpile period	Doesn't exceed one year from production date

Notes: 1) The data shown above are initial values.

CHARACTERISTICS

Temperature Range	-55℃ ~ 125℃
Salt Mist	48h
Humidity Temperature	25℃ to 40℃， 10 times[3)]
Temperature life	250 hours at 105℃(±5℃)[3)]
Thermal Shock	-40℃(30 min), +85℃(30 min),5 times,[3)]
Mechanical Shock	Acceleration of 50g, half sine wave, lasting 11 ms, ±X, ±Y, ±Zdirection 3 times each, the current instantaneous break time is less than 1μs[(2)]
Vibration	Frequency 10Hz~ 55Hz~ 10Hz, displacement amplitude 1.52mm, each vertical direction lasts for 55 min, the current instantaneous break time is less than 1μs
Protection Grade	/
Quality	Approx.40g
Marking Mode	Laser etching
Durability	250 Times Min
Termination	PCB

Notes: 1) The data shown above are initial values.
2) Meet the parts without damage, Insulation resistance and withstand voltage meet the requirements of electrical performance parameters.
3) Meet the parts without damage, withstand voltage meet the requirements of electrical performance parameters.

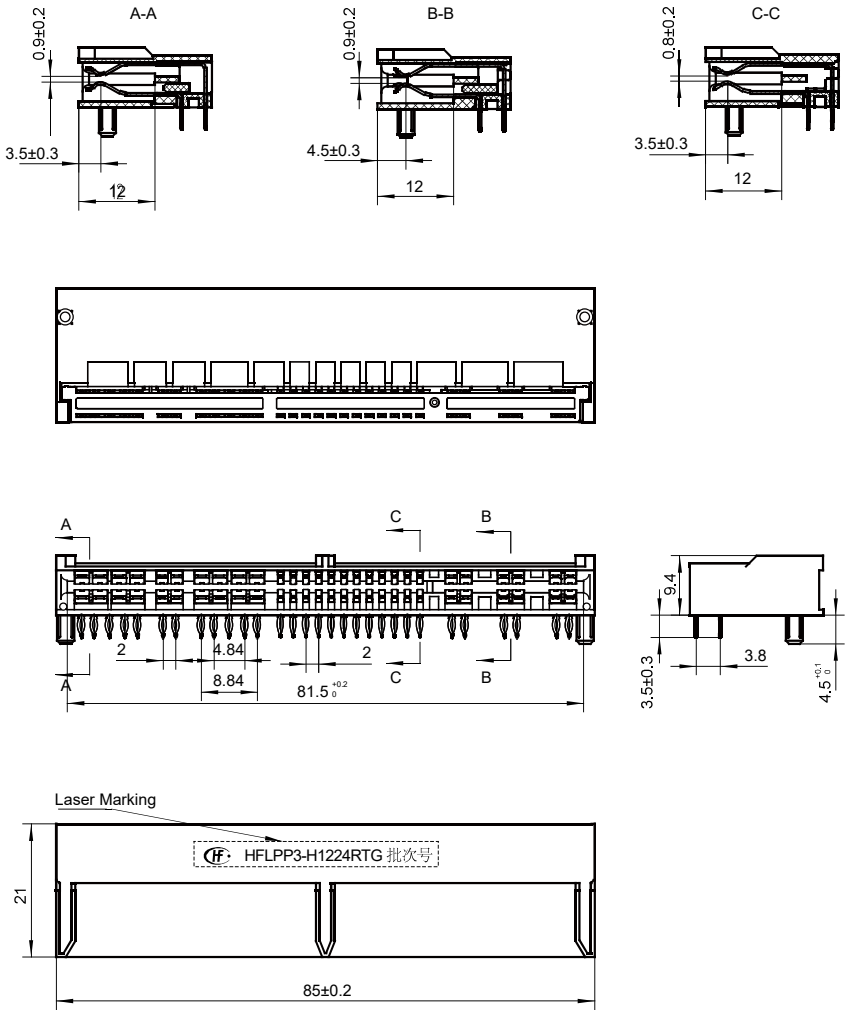
ORDERING INFORMATION

	HFLPP3	-H	16	24	R	T	G	(T1)
Type								
Type of Connector	**H:** No polarity							
No.of Power Contact	**16:** Fully loaded with 16 Power Contacts							
No.of Signal Contact	**24:** Fully loaded with 24 Signal Contacts							
Structural Form	**R:** Right angle							
Contact Termination Style	**T:** Solderless Press-fit							
Contact plating	**G:** Partial Gold Plating							
Special code	**(T1):** Multi-electric Reed							

OUTLINE DIMENSIONS AND PC BOARD LAYOUT

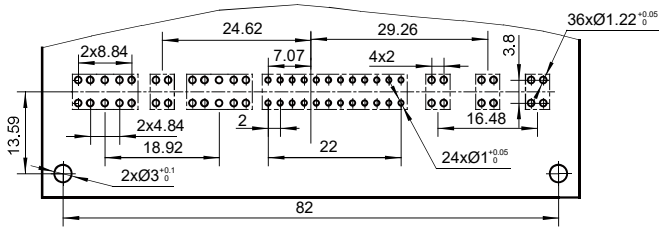
Unit: mm

Outline Dimensions



PCB Layout

(Bottom view)

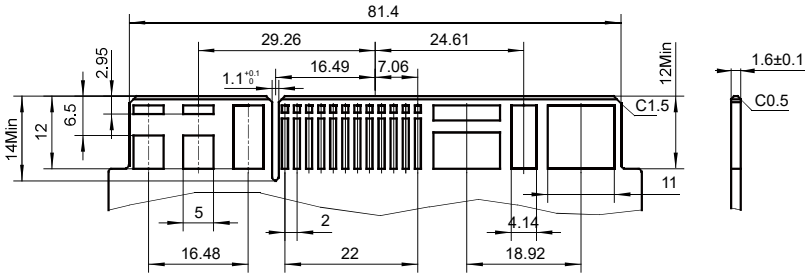


OUTLINE DIMENSIONS AND PC BOARD LAYOUT

Unit: mm

PCB Layout
(Bottom view)

Recommended PCB Size



Disclaimer

The specification is for reference only. See to "Terminology and Guidelines" for more information. Specifications subject to change without notice. We could not evaluate all the performance and all the parameters for every possible application. Thus the user should be in a right position to choose the suitable product for their own application. If there is any query, please contact Hongfa for the technical service. However, it is the user's responsibility to determine which product should be used only.

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