

**MATERIAL:**  
HOUSING: PA46,UL94V-0,BLACK.  
TERMINAL: PHOSPHOR BRONZE  $\phi=0.46$ MM, GOLD FLASH.

**MACHANICAL:**  
DURABILITY: 750 CYCLES MIN,12.5MM/MINUTE.  
INSERTION FORCE: 2.2KG.F MAX.  
RETENTION STRENGTH : 7.7KG.F BETWEEN JACK AND PLUG.  
OPERATING TEMPERATURE: -40℃~+85℃.  
STORAGE TEMPERATURE: -40℃~+85℃.  
**ELECTRICAL:**  
VOLTAGE: 125 VOLTS AC.  
CURRENT RATING : 1.5AMP.  
DIELECTRIC STRENGTH: 1000 VAC RMS 50HZ OR 60HZ,1MIN.  
INSULATION RESISTANCE: 500 MEGA OHMS MIN. INITIAL  
AFTER 500V DC FOR 1 MINUTE.  
CONTACT RESISTANCE: SINGLE TERMINAL 30 MILLIOHMS MAX.  
INITIAL 50 MILLIOHMS MAX. AFTER  
DURABILITY TEST.

**ORDER INFORMATION**

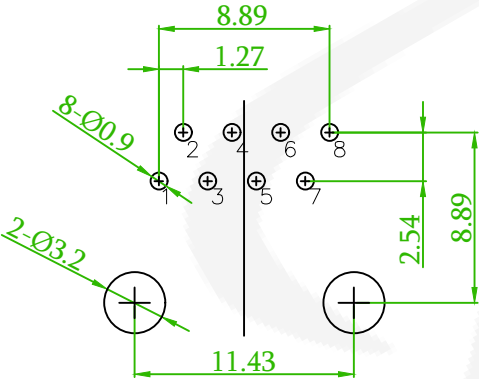
5 R J 1 D R 0 0 N 0 X - 8 8 X X 0 0 X - 532 - R 1

N:W/O EAR

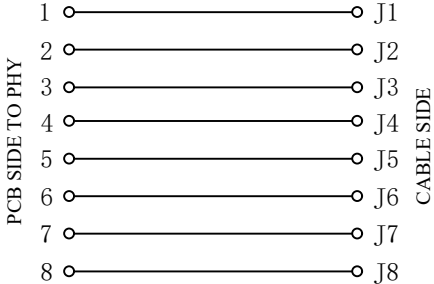
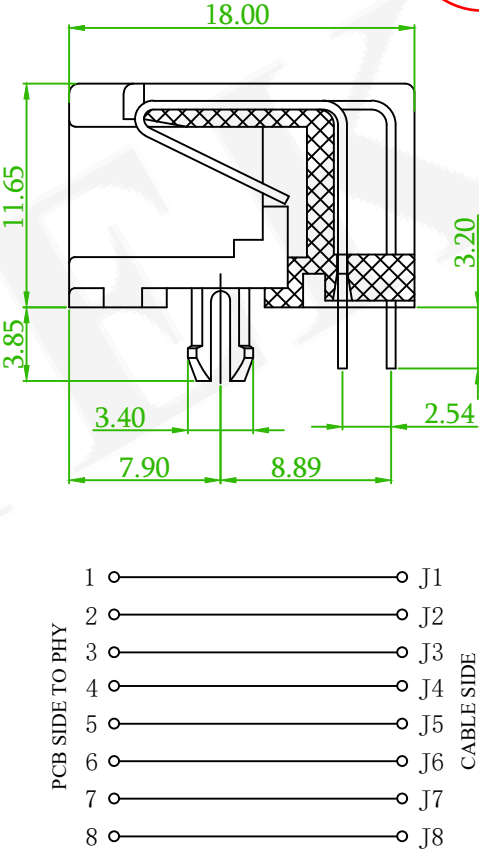
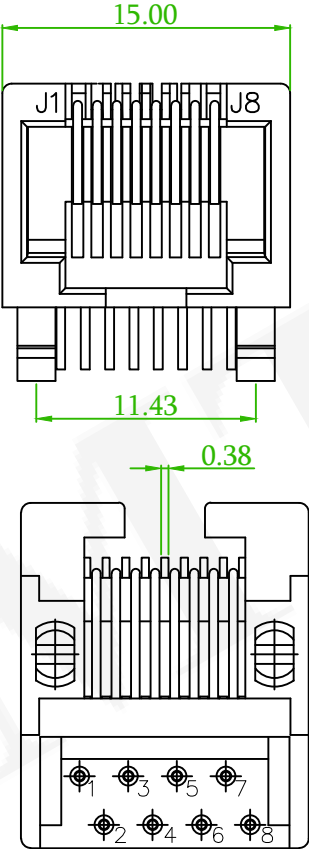
G0:GOLD FLASH  
GD:30u"

U:RoHS+PA46  
+TRAY  
L:RoHS+PBT  
+TRAY

AMTEK 耀德  
2024.11.09  
Released DCC



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE



5RJ1DR00N0N-88XX00U-532-R1

|      |                        |         |            |
|------|------------------------|---------|------------|
|      |                        |         |            |
|      | BPM 2024110902         | Gaby    | 2024/11/09 |
|      | Add: GD:30u"           | David   | 2019/06/05 |
| REV. | ECN NO. OR DESCRIPTION | REVISED | DATE       |

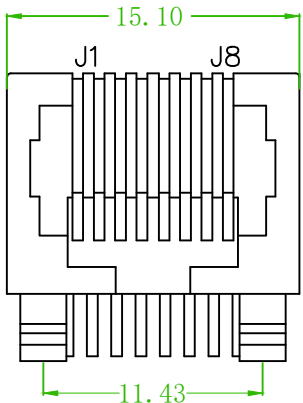
耀德精密有限公司  
Amtek Technology Co., Ltd.  
TEL: 886-2-2260-6878  
FAX: 886-2-2260-8030

| 品名<br>TITLE          | MODULAR JACK SIDE ENTRY    |             |      |                              | 頁數<br>Page          | 1/2               |
|----------------------|----------------------------|-------------|------|------------------------------|---------------------|-------------------|
| 品號<br>PART NO.       | 5RJ1DR00N0X-88XX00X-532-R1 |             |      |                              | 繪圖<br>DRAWN         | Roy<br>2019/01/03 |
| 圖號<br>DRAWING NO.    | GN169-R1108                | 版本<br>REV.  | C    | 核對<br>CHECKED                | Josh<br>2019/01/03  |                   |
| 客戶品號<br>CUSTOMER P/N |                            | 比例<br>SCALE | None | 承認<br>APPROVED               | Jason<br>2019/01/03 |                   |
| 公差<br>TOLERANCE      | .X ±0.30<br>.XX ±0.25      | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |                     |                   |

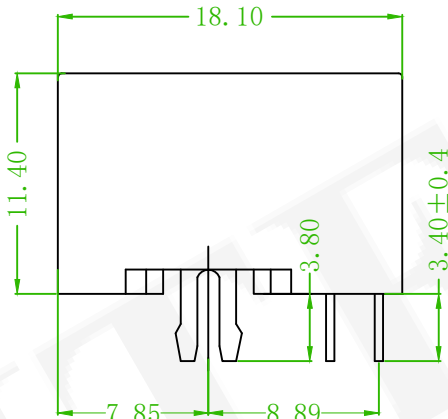
**MATERIAL:**  
HOUSING: P.B.T,UL94V-0,BLACK.  
TERMINAL: PHOSPHOR BRONZE  $\phi=0.46$ MM, GOLD FLASH.

**MACHANICAL:**  
DURABILITY: 750 CYCLES MIN,12.5MM/MINUTE.  
INSERTION FORCE: 2.2KG.F MAX.  
RETENTION STRENGTH : 7.7KG.F BETWEEN JACK AND PLUG.  
OPERATING TEMPERATURE: -40℃~+85℃.  
STORAGE TEMPERATURE: -40℃~+85℃.  
ALL CRITICAL DIMENSIONS WITH "\*"

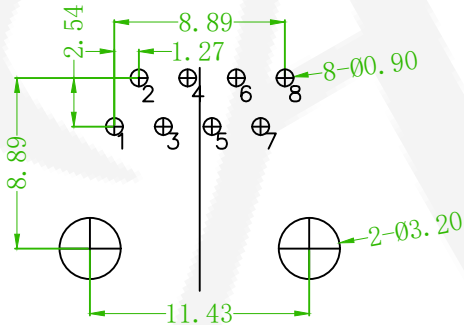
**ELECTRICAL:**  
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CURRENT RATING : 1.5AMP.  
DIELECTRIC STRENGTH: 1000 VAC RMS 50HZ OR 60HZ,1MIN.  
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INITIAL 50 MILLIOHMS MAX. AFTER  
DURABILITY TEST.



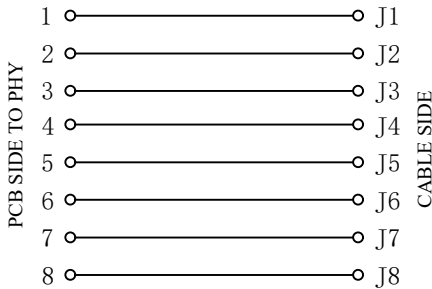
FRONT VIEW



RIGHT SIDE VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE



5RJ1DR00N0N-88G000L-532-R1



REV.

BPM 2024110902

Add: GD:30u"

ECN NO. OR DESCRIPTION

Gaby

2024/11/09

David

2019/06/05

REVISED

DATE



糧德精密有限公司  
Amtek Technology Co., Ltd.

TEL: 886-2-2260-6878  
FAX: 886-2-2260-8030

品名  
TITLE

品號  
PART NO.

圖號  
DRAWING NO.

客戶品號  
CUSTOMER P/N

公差  
TOLERANCE

MODULAR JACK SIDE ENTRY

5RJ1DR00N0X-88XX00X-532-R1

GN169-R1108

版本  
REV.

C

比例  
SCALE

None

單位  
UNIT

mm

繪圖  
DRAWN

核對  
CHECKED

承認  
APPROVED

THIRD  
ANGLE  
PROJECTION

Roy

Josh

Jason

頁數  
Page

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2019/01/03

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