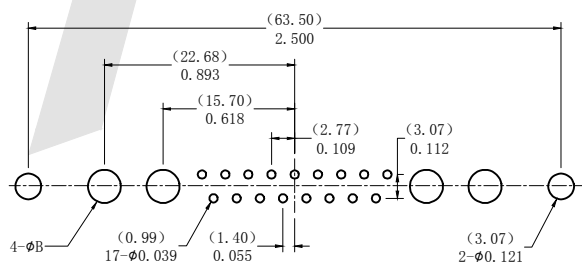
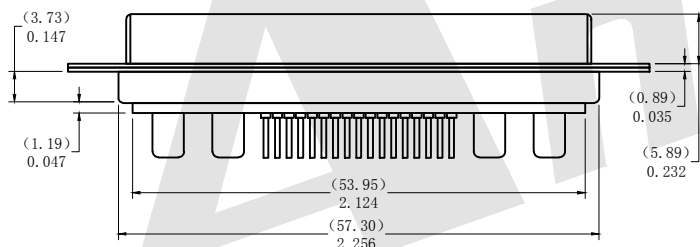
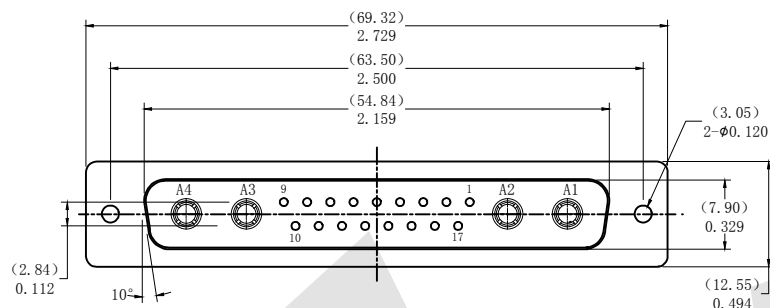


HSF

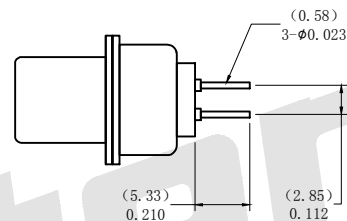


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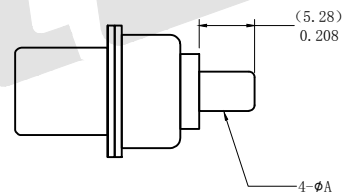


RECOMMENDED PCB LAYOUT

|                |               |         |
|----------------|---------------|---------|
| 40 AMPS        | Ø3.75         | Ø4.0    |
| 30 AMPS        | Ø3.2          | Ø3.5    |
| 20 AMPS        | Ø2.8          | Ø3.0    |
| 10 AMPS        | Ø1.7          | Ø2.0    |
| Current Rating | ØA            | PCB(ØB) |
|                | Dimension(mm) |         |

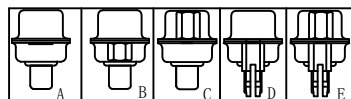


SIGNAL CONTACTS



POWER CONTACTS

NOTE:  
SIGNAL AND POWER CONTACTS  
SOME PRE-LOADED INTO INSULATORS



|                                      |              |
|--------------------------------------|--------------|
| Unless Otherwise specified tolerance |              |
| X. ±0.35                             | X.XX: ±0.20  |
| X.X: ±0.25                           | X.XXX: ±0.15 |
| SCALE:                               | UNIT:        |
| As Shown                             | mm           |
| DRAW                                 | DATE         |
| Wu Feng Rong                         | 14/10/2019   |
| CHECK                                | DATE         |
| BobYang                              | 14/10/2019   |

## SPECIFICATIONS:

### ELECTRICAL:

INSULATOR RESISTANCE: 5,000 MegOHMS Min.  
DIELECTRIC WITHSTANDING: 1,000 VAC r.m.s.  
OPERATING TEMPERATURE: -55°C ~ +125°C  
CONTACT RESISTANCE: 30 MILLIOHMS Max.  
POWER PINS: SEE PART No. BELOW

### MECHANICAL:

CONTACT INSERTION FORCE: 4.5kg Max  
CONTACT SEPARATOR FORCE: 0.3kg Min

### MATERIALS:

CONTACTS: BRASS  
INSULATOR: PBT UL94V-0 RATED,  
230°C PROCESS TEMP.

SHELL: STEEL

FINISH:

SHELL: NICKEL

Ordering Code:

PDP21W4 - F - A - G0 - B - 20  
① ② ③ ④ ⑤ ⑥

① Series

② Contact Type:  
M: Male F: Female

③ Mounting Option:  
A: No accessories  
B: Rear Rivet  
C: Front Rivet  
D: Groundstand-off on rear shell  
E: Front rivet+Groundstand-off on rear shell

④ Contact NO. :  
G0: Gold flash  
G1: 3u" Gold  
G2: 5u" Gold  
G3: 10u" Gold  
G4: 15u" Gold  
G5: 30u" Gold

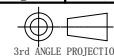
⑤ Power AMP:  
10 = 10AMPS;  
20 = 20AMPS;  
30 = 30AMPS;  
40 = 40AMPS;  
⑥ Insulation Color Code:  
B: Black L: Blue  
W: White



ANTENK ELECTRONICS CO., LTD  
Http://www.antenk.com  
E-mail:sales@antenk.com

TITLE:  
POWER D-SUB 21W4 DIP STRAIGHT-FEMALE TYPE

DRAWING NO: PDP21W4-FXXXX  
PRODUCT NO: PDP21W4-FXXXX



REV

DESCRIPTION

DATE

1

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