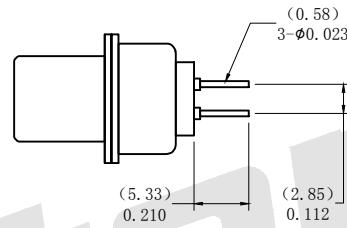
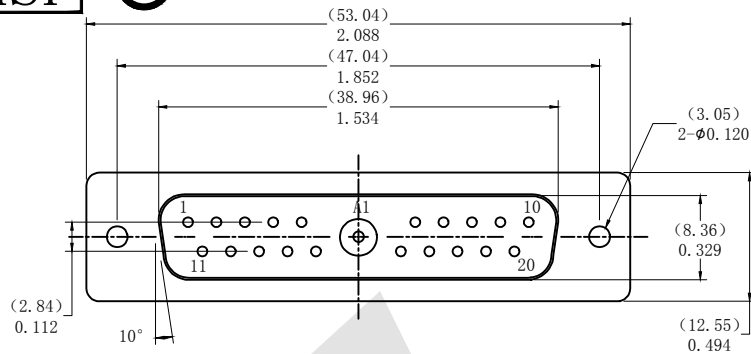


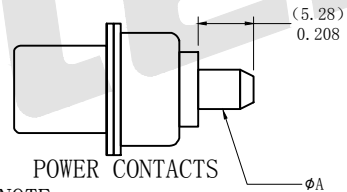
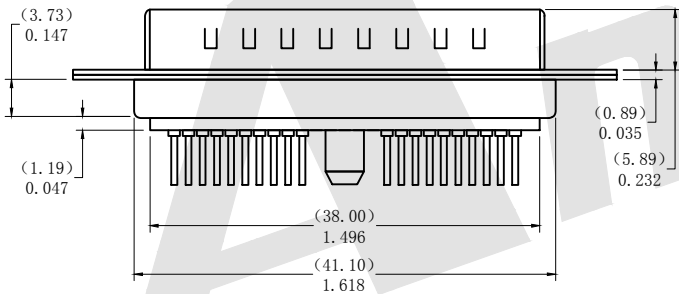
HSF



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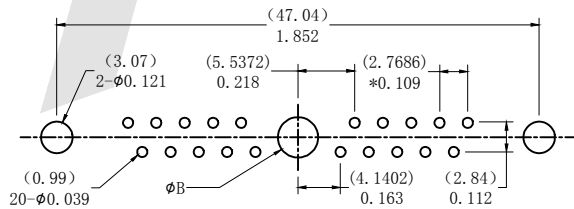
SIGNAL CONTACTS



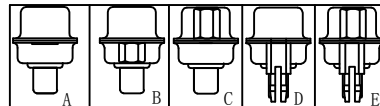
POWER CONTACTS

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

| | | |
|----------------|----------------|---------|
| 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) | |



RECOMMENDED PCB LAYOUT



Unless Otherwise specified tolerance
X. ±0.35 X.XX: ±0.20
X.X: ±0.25 X.XXX: ±0.15

SCALE: As Shown UNIT: mm

DRAW Lv Xun Hua DATE 05/05/2019

CHECK BobYang DATE 05/05/2019



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:

PDP21W1 -M -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 Insulation Color Code:
B:Black L:Blue
W:White
- ⑥ Power AMP:
10 = 10AMPS;
20 = 20AMPS;
30 = 30AMPS;
40 = 40AMPS;



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

TITLE:
POWER D-SUB 21W1 DIP STRAIGHT-MALE TYPE

DRAWING NO: PDP21W1-MXXXX
PRODUCT NO: PDP21W1-MXXXX

REV DESCRIPTION

DATE

1 2 3 4 5 6 7 8

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