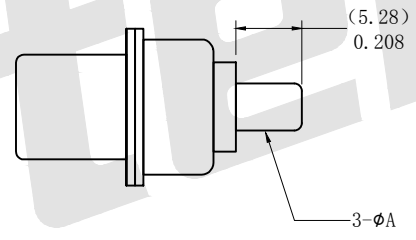


SIGNAL CONTACTS



POWER CONTACTS

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

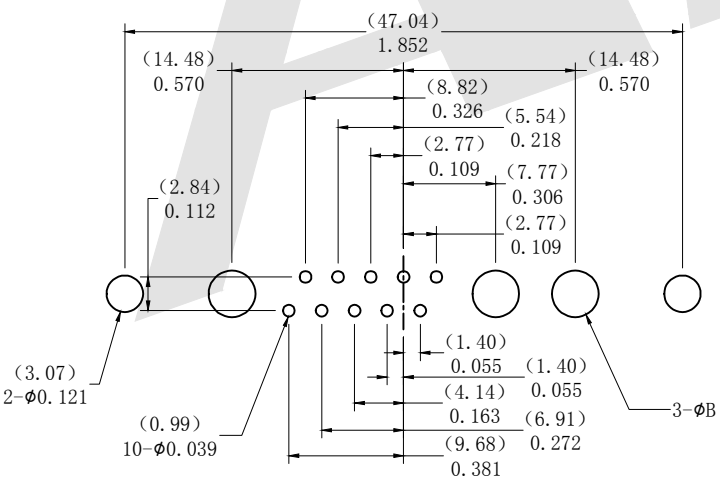
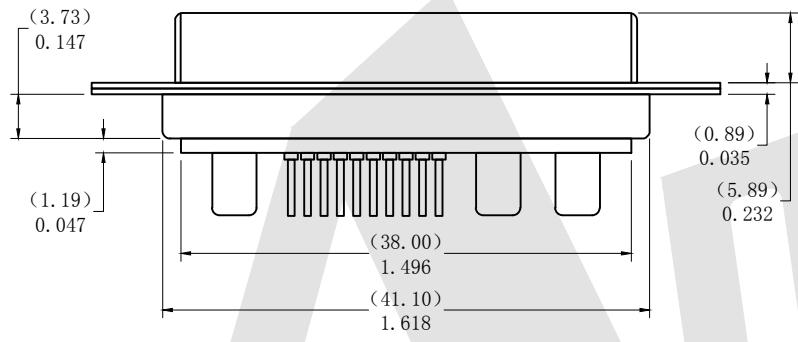
MATERIALS:
 CONTACTS: BRASS
 INSULATOR: PBT UL94V-0 RATED, 230°C PROCESS TEMP.

SHELL: STEEL
FINISH:
SHELL: NICKEL

Ordering Code:

| | | | | | |
|---------|----|----|-----|----|-----|
| PDP13W3 | -F | -A | -G0 | -B | -20 |
| ① | ② | ③ | ④ | ⑤ | ⑥ |

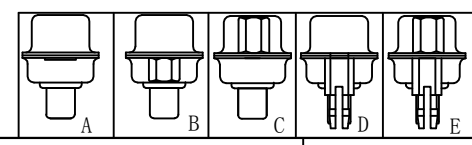
- ① Series
- ② Contact Type:
M:Male F:Female
- ③ Mounting Option:
A: No accessories
B: Rear Rivet
C: Front Rivet
D: Groundstand-off on rear shell
E: Front rivet+Groundstand-off on rear shell
- ④ Contact NO. :
G0: Gold flash
G1: 3u" Gold
G2: 5u" Gold
G3: 10u" Gold
G4: 15u" Gold
G5: 30u" Gold
- ⑤ Insulation Color Code:
B:Black L:Blue
W:White
- ⑥ Power AMP:
10 = 10AMPS;
20 = 20AMPS;
30 = 30AMPS;
40 = 40AMPS;



PECOMMENDED PCB LAYOUT

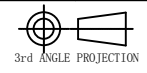
NOTE:
 SIGNAL AND POWER CONTACTS
 SOME PRE-LOADED INTO INSULATORS

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



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



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

TITLE:
 POWER D-SUB 13W3 DIP STRAIGHT-FEMALE TYPE

DRAWING NO: PDP13W3-FXXXX
 PRODUCT NO: PDP13W3-FXXXX

| | | |
|-----|-------------|------|
| REV | DESCRIPTION | DATE |
| 1 | | |
| 2 | | |
| 3 | | |