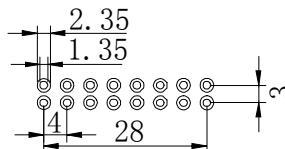
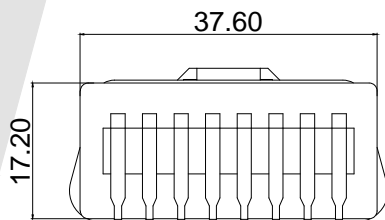
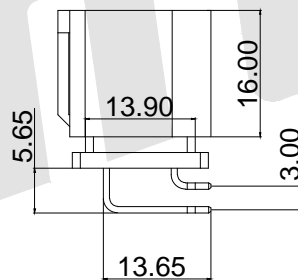
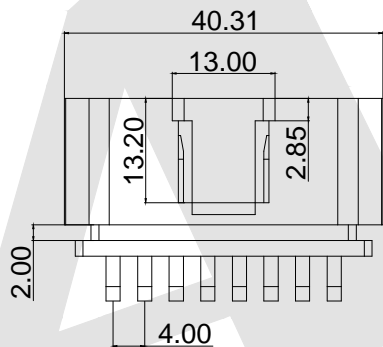


(SHORT CONTACT P4&P5 10.0)

SEC A-A



PCB LAY OUT

Electrical Performance:

1. Dielectric Strength: 1000V AC/1 Minute.
2. Contact resistance: 100 m Ohm MAX.
3. Insulation Resistance: 500VDC, 100M Ohm Min.

Rating and Application Wire:

1. Rated Volatage: 30V MAX
2. Rated Current: 5Amps, Wire Insulation
0. D: $\phi 1.2 \sim \phi 2.6$
3. Ambient Temperature Range: $-40^{\circ}C \sim +85^{\circ}C$

Notes:

1. Housing Material: PA66 Plus Fiber 15%, Color: Black
2. The Pin 4 & PIN 5 Are 10.0mm High Out of The Plastic,
3. Terminal Materi Brass Gilded
4. General Tolerance: $\pm 0.3mm$
5. Supporting Terminal Material Number: C-OBD-MT-001

Ordering Code: OBD- A - 16 - G0 - A - X - X - PG001

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Automotive Connector
- ② Type: A: Angle A: Male Connector
- ③ Contact Number: 16P
- ④ Contact Plating: G0: Gold flash G1: 3u" Gold G2: 5u" Gold G3: 10u" Gold G4: 15u" Gold G5: 30u" Gold SN: Tin
- ⑤ Pin Type:
- ⑥ Insulator Material: A: PBT B: PA6T C: LCP D: PA46 E: PA9T F: PA66
- ⑦ Packing: A: Tray B: Bag T: Tube U: Tube+CAP R: Tape&Reel W: Tape&Reel+CAP
- ⑧ Series No: PG001

Unless Otherwise specified tolerance
 X. ± 0.5 X.XX: ± 0.25
 X.X: ± 0.38 X.XXX: ± 0.15

SCALE: As Shown UNIT: mm
 DRAW: Wu Feng Rong DATE: 25/03/2020
 CHECK: BobYang DATE: 25/03/2020



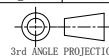
ANTENK ELECTRONICS CO., LTD
 Http://www.antenk.com
 E-mail: sales@antenk.com

TITLE: OBD 16P Male Angle Type

DRAWING NO: OBD-A-16-G0-A-X-X-PG001

PRODUCT NO: OBD-A-16-G0-A-X-X-PG001

| REV | DESCRIPTION | DATE |
|-----|-------------|------------|
| | ADD PA66 | 04/06/2020 |



1 2 3 4 5 6 7 8