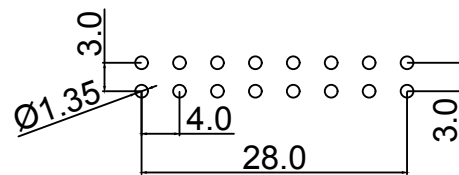
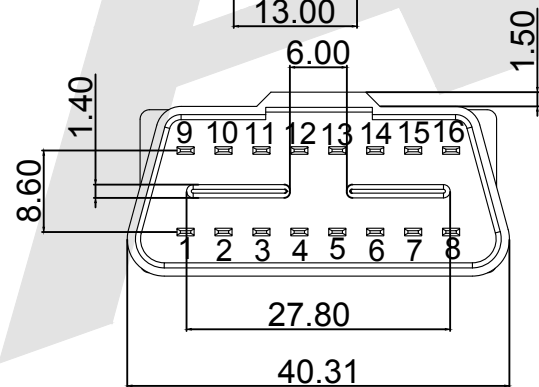
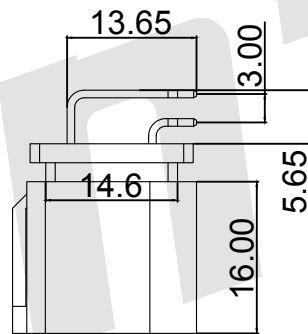
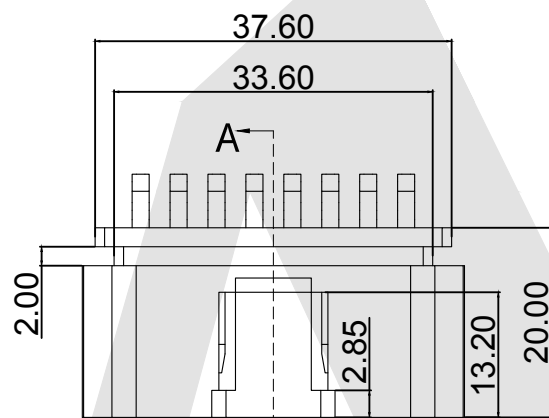


(LONG CONTACT P4&P5 10.0)

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.

Rateing and Application Wire:

1. Rated Volatage: 30V MAX
2. Rated Current: 5Amps, Wire Insulation O.D: 1.2 ~ 2.6
3. Ambient Temperature Range: -40° C ~ +85° 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: ±0.3mm
5. Supporting Terminal Material Number: C-OBD-MT-001

Ordering Code:

OBD - ① A - ② 16 - ③ G0 - ④ A - ⑤ F - ⑥ X - ⑦ PG003 - ⑧ A

- 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: A: Angle
- ⑥ Insulator Material: F: PA66
- ⑦ Packing: A: Tray, B: Bag, T: Tube, U: Tube+CAP, R: Tape&Reel, W: Tape&Reel+CAP
- ⑧ Series No: PG003
- ⑨ A: Standard type 14.6mm lock

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 ZLA	DATE 25/05/2022
CHECK BobYang	DATE 25/05/2022

Antenk ANTENK ELECTRONICS CO., LTD
[Http://www.antenk.com](http://www.antenk.com)
 E-mail: sales@antenk.com

TITLE:
OBD 16P Male Angle Standard 24V Type 14.6MM

DRAWING NO: OBD-A-16-G0-A-F-X-PG003-A

PRODUCT NO: OBD-A-16-G0-A-F-X-PG003-A

1	Revise View Errors	25/05/2022
REV	DESCRIPTION	DATE

