

A-A Section

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
0. D: $\phi 1.2 \sim \phi 2.6$
3. Ambient Temperature Range: $-40^{\circ}C \sim +85^{\circ}C$

Notes:

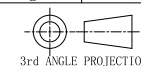
1. Housing Material: PA66 Plus fiber 15, Color: Black
 2. The Pin 4&PIN 5 Are 10.0mm High Out of The Plastic, All of rest pins are 8.5mm. The Pin 0.8*1.8*19.25mm
 3. Needle Material: Brass, Under plated: Gold
 4. Terminal Tolerance: $\pm 0.3mm$
 5. Electroplating: Gold-Plated
- Supporting Terminal Material Number: C-OBD-MT-001

Ordering Code: OBD- A - 16 - G0 - S - X - X - PG006
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Automotive Connector
- ② Type: 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: S: Straight
- 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: PG006

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: 06/07/2020
 CHECK: BobYang DATE: 06/07/2020



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TITLE: OBD 16P Male Straight Solder 24V Type

DRAWING NO: OBD-A-16-G0-S-X-X-PG006

PRODUCT NO: OBD-A-16-G0-S-X-X-PG006

△ Add Dimensioning 13.90mm

16/05/2022

REV DESCRIPTION

DATE