



P. C. Body Hole Layout

Note:

1. Material:

- A. Terminal: Phosphor Copper C5191
- B. Housing: PA9T+30% G/F UL94V-0 Color: Black

2. Plating:

- Signal Contact: 30u-50u Nickel Plated, 1U Gold Plated
- Power Contact: 30u-50u Nickel Plated, 1U Gold Plated3.

3. Electrical Performance Requirements:

- Rated Voltage: Signal Contact: 60V; Power Contact: 250V
- Rated Current: Single Power Contact Max 40A; All Power Contacts Max 1.5A; Single Signal Contact Max 3A; All Signal Contacts Max 1.5A
- Withstand Voltage: Leakage Current: Contact Voltage: 1000 VDC Less Than 1 mA / Min, Between Power Contacts and Between Power and Signal Contacts: 2500Vdc / Min, Leakage Current Less Than 1mA
- Insulation resistance: Between Signal Contacts: 500MΩ ; Between Power Contacts: 500MΩ ; And Signal Contact: 10000MΩ

Working Temperature: -40~+125°C (Including The Temperature Rise of 40 °C);

Ordering Code:

PSPM6.35 - S - 02 - 04 - G0 - G0 - A - E - X  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① PSPM6.35:6.35mm Pitch Power Signal Connector Male

② S: Straight

③ No. of Power  
02=02P

④ No. of Signal  
04=04P

⑤ Power Contact Plating:  
G0: Gold flash S0: Selective  
G1: 3u" Gold S1: Selective 3u"  
G2: 5u" Gold S2: Selective 5u"  
G3: 10u" Gold S3: Selective 10u"  
G4: 15u" Gold S4: Selective 15u"  
G5: 30u" Gold S5: Selective 30u"  
SN: Tin

⑥ Signal Contact Plating:

- G0: Gold flash S0: Selective
- G1: 3u" Gold S1: Selective 3u"
- G2: 5u" Gold S2: Selective 5u"
- G3: 10u" Gold S3: Selective 10u"
- G4: 15u" Gold S4: Selective 15u"
- G5: 30u" Gold S5: Selective 30u"
- SN: Tin

⑦ Length of Tin Foot:  
A=4.35MM

⑧ Insulator Material

- A: PBT B: PA6T
- C: LCP D: PA46 E: PA9T

⑨ Packing:

- A: Tray B: Bag T: Tube U: Tube+CAP
- R: Tape&Reel W: Tape&Reel+CAP

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: Wu Feng Rong DATE: 01/06/2021

CHECK: BobYang DATE: 01/06/2021



3rd ANGLE PROJECTION



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

TITLE: 6.35MM 2P Power+4P Signal Male  
 Straight Dip Power Connector

DRAWING NO: PSPM6.35S-0204G0GOAEX

PRODUCT NO: PSPM6.35S-0204G0GOAEX

REV	DESCRIPTION	DATE