



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 Plated.

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 - 06 - 20 - 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 06=06P

④ No. of Signal 20=20P

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

CHECK BobYang

DATE 01/06/2021

DATE 01/06/2021



ANTENK ELECTRONICS CO., LTD

Http://www.antenk.com

E-mail:sales@antenk.com

TITLE: 6.35MM 6P Power+20P Signal Male Straight Dip Power Connector

DRAWING NO: PSPM6.35S-0620G0G0AEX

PRODUCT NO: PSPM6.35S-0620G0G0AEX



| REV | DESCRIPTION | DATE |
|-----|-------------|------|
| | | |
| | | |
| | | |