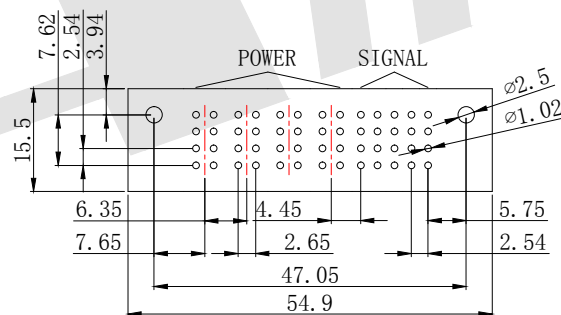
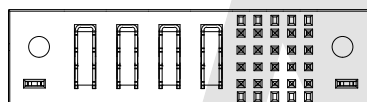
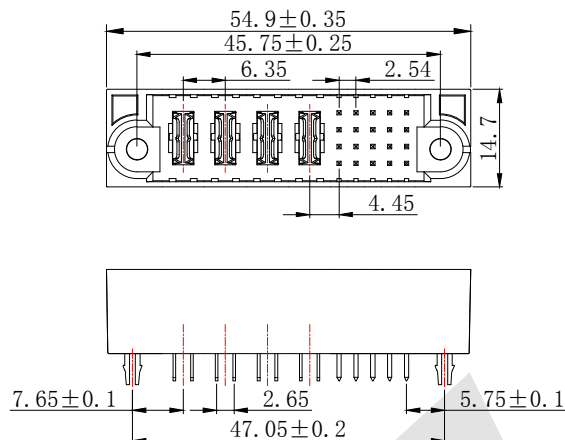




P. C. Body Hole Layout

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 - 04 - 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
04=04P

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=4.10MM

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



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

TITLE: 6.35MM 4P Power+20P Signal Male
Straight Dip Power Connector

DRAWING NO: PSPM6.35S-0420G0G0AEX

PRODUCT NO: PSPM6.35S-0420G0G0AEX

REV	DESCRIPTION	DATE