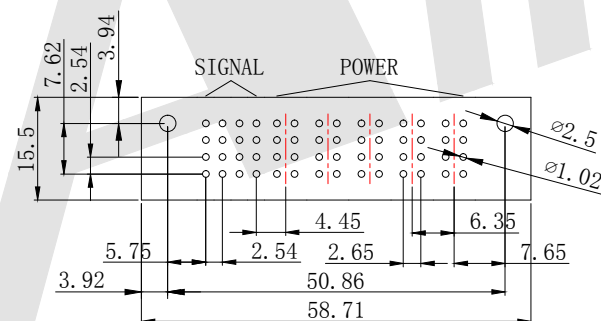
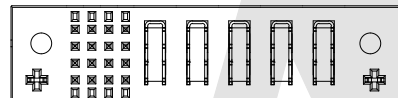
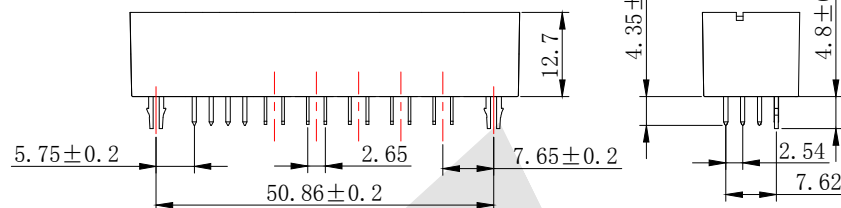
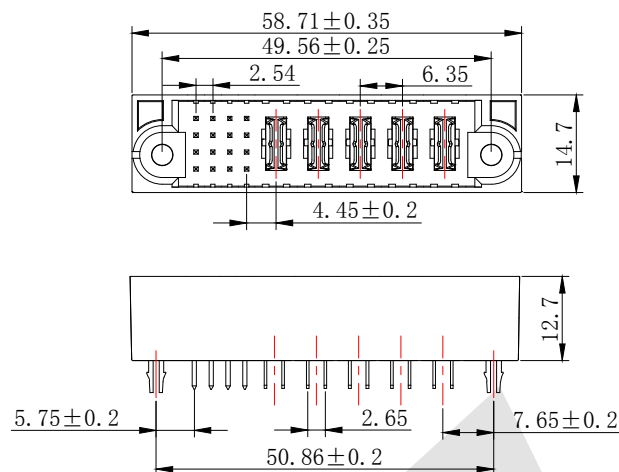


HSF



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 - 05 - 16 - 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  
05=05P

④ No. of Signal  
16=16P

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

TITLE: 6.35MM 5P Power+16P Signal Male  
Straight Dip Power Connector

DRAWING NO: PSPM6.35S-0516G0G0AEX

PRODUCT NO: PSPM6.35S-0516G0G0AEX

REV

DESCRIPTION

DATE