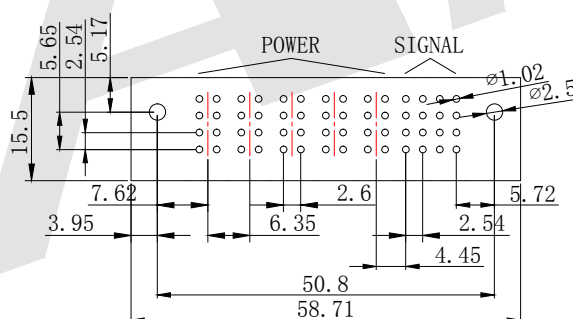
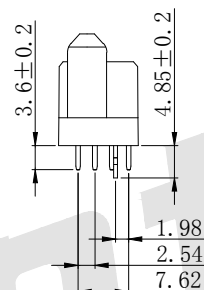
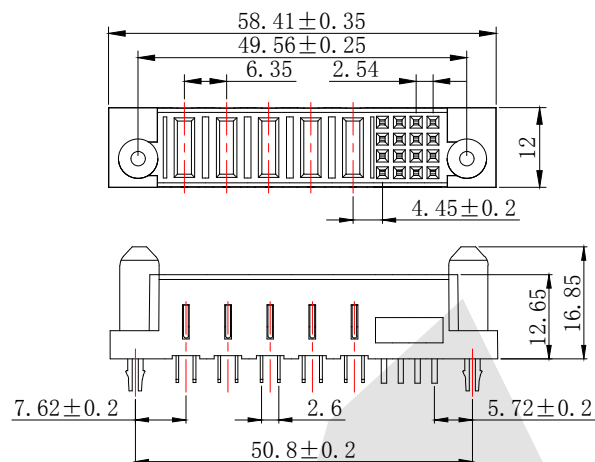




P. C. Body Hole Layout

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℃ (Including The Temperature Rise of 40℃);

Ordering Code:

PSPF6.35 - S - 05 - 16 - G0 - G0 - A - E - X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① PSPF6.35:6.35mm Pitch Power
Signal Connector Female

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

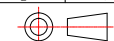
⑨ Packing:
A: Tray B: Bag T: Tube U: Tube+CAP
R: Tape&Reel W: Tape&Reel+CAP

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 Female
Straight Dip Power Connector

DRAWING NO: PSPF6.35S-0516G0GAEX

PRODUCT NO: PSPF6.35S-0516G0GAEX

REV	DESCRIPTION	DATE