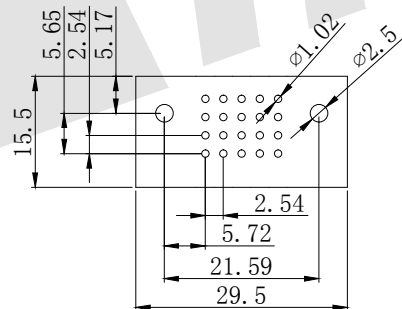
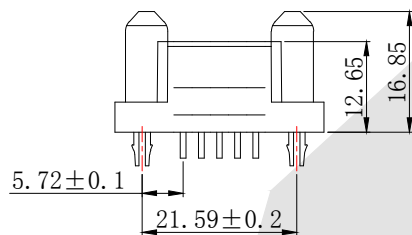
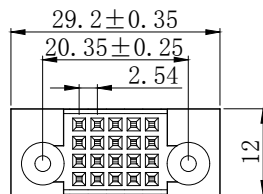


HSF



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:

SPF2.54 - S - 00 - 20 - X - G0 - A - E - X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨① SPF2.54:2.54mm Pitch
Signal Connector Female

② S: Straight

③ No. of Power
00=00P④ No. of Signal
20=20P⑤ 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: Tin⑥ 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: Tin⑦ 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 RongDATE
01/06/2021CHECK
BobYangDATE
01/06/2021

3rd ANGLE PROJECTION



ANTENK ELECTRONICS CO., LTD

Http://www.antenk.com

E-mail: sales@antenk.com

TITLE: 2.54MM 20P Signal Female
Straight Dip Power Connector

DRAWING NO: SPF2.54S-0020XGOAEX

PRODUCT NO: SPF2.54S-0020XGOAEX

REV

DESCRIPTION

DATE