

RoHS Compliant

## Specifications:

Material And Finish:

Insulator:Nylon 66 UL94V-0 Color:Natural

Contact:Copper Alloy

Plated:See Ordering Information

## Rating:

Current Rating:9.0 Amp Max(16AWG per pin)

Voltage Rating:600V AC/DC

Operating Temperature Range:-40°~+105°C

## Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1500V AC/Minute

## Ordering Information

A42012S-XXX-01-1X

1 2 3 4 5

1:— Series No.

2:— S: Straight Type

3:— No. of Positions

4:— A: Gold Flash

G: Gold 30U"

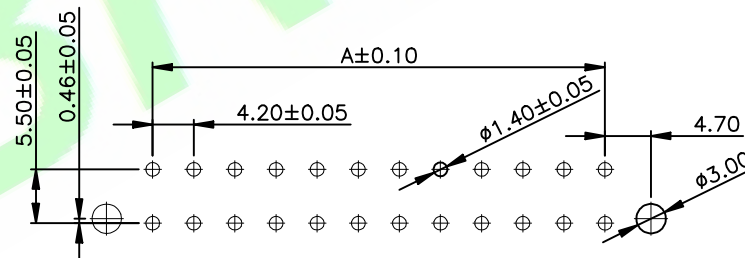
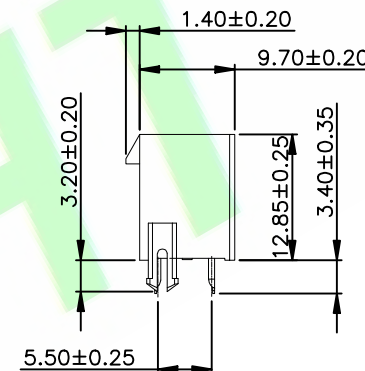
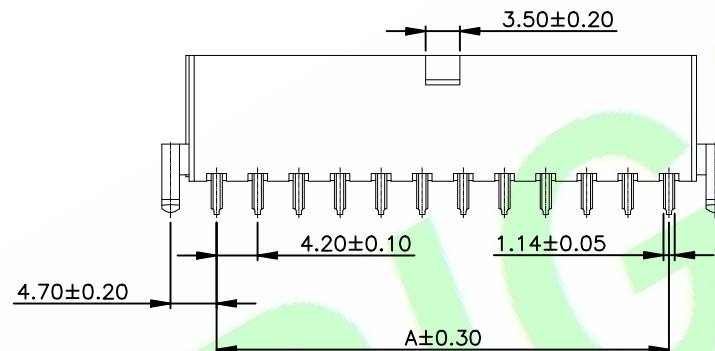
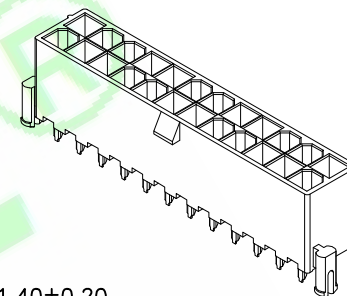
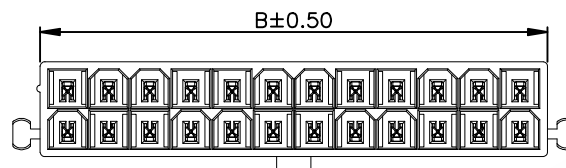
Q: Tin Plated

S: Matte Tin Plated

5:— A: In Bag

B: In Tube

C: In Tray



Recommended PCB Layout

| Circuits | Dimension mm |       |
|----------|--------------|-------|
|          | A            | B     |
| 02       | 0.00         | 5.60  |
| 04       | 4.20         | 9.80  |
| 06       | 8.40         | 14.00 |
| 08       | 12.60        | 18.20 |
| 10       | 16.80        | 22.40 |
| 12       | 21.00        | 26.60 |
| 14       | 25.20        | 30.80 |
| 16       | 29.40        | 35.00 |
| 18       | 33.60        | 39.20 |
| 20       | 37.80        | 43.40 |
| 22       | 42.00        | 47.60 |
| 24       | 46.20        | 51.80 |

DR.BY:  
SamsonGENERAL TOLERANCE:  
LINEAR ANGLES

PART NO : A42012S-XXX-01-1X

DWG. NO.: RD1011-009

TITLE :  
4.2mm Pitch Wafer  
Straight Type Mini-Fit W/Peg

DATE: 28-Nov-2010

HJBRIGHT®

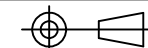
東莞市華晶電子有限公司

BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1

SCALE: 1:1

UNIT: mm



THIRD ANGLE PROJECTION

A4

|      |                               |         |          |
|------|-------------------------------|---------|----------|
| 3X   | Updated dimensional tolerance | JoinZm  | 20250317 |
| 2X   | New plating code              | Judyann | 20200325 |
| 1X   | ORIGINAL                      | Samson  |          |
| REV. | DESCRIPTION                   | DR.BY   | ECN. NO. |