

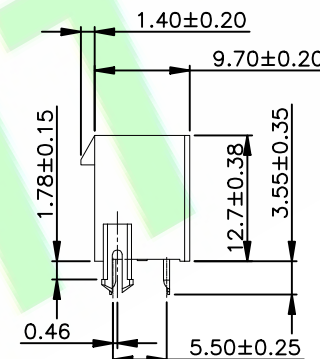
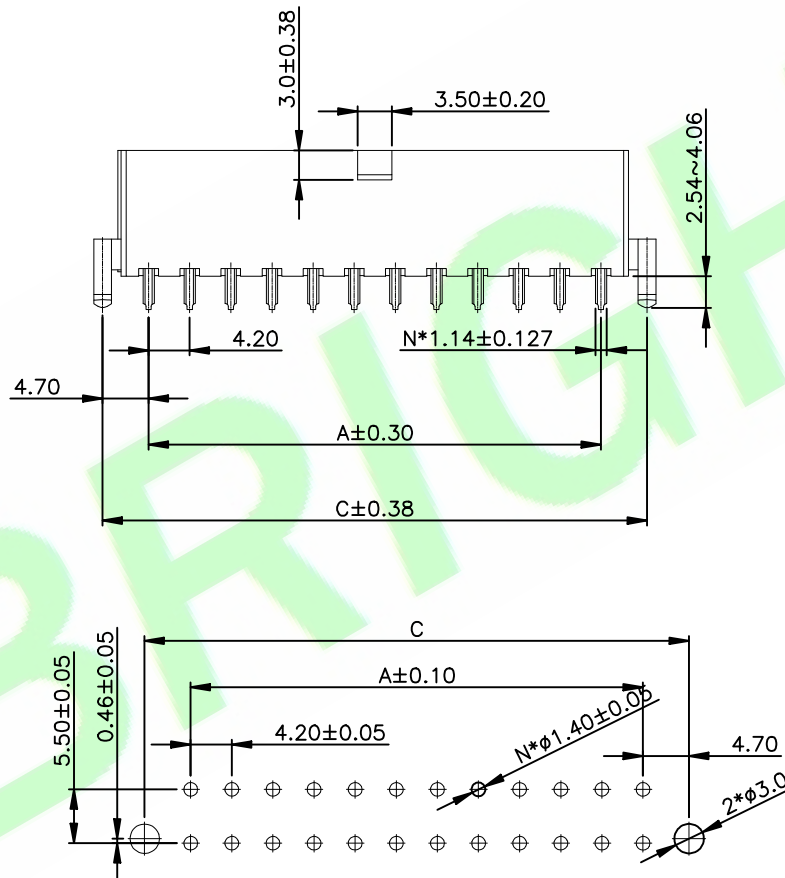
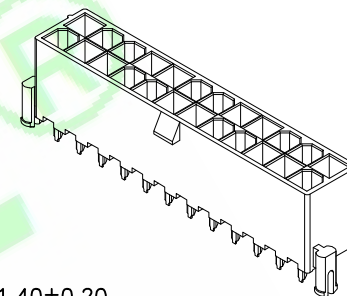
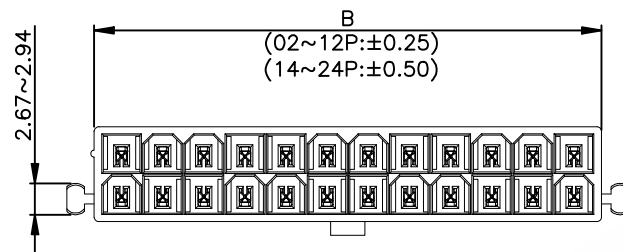
Specifications:
Material And Finish:
Insulator:Nylon 66 Color:Natural
Contact:Brass
Plated:See Ordering Information

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-01-1XX
1 2 3 4 5 6

- 1:— Series No.
2:— S: Straight Type
3:— No. of Positions
4:— A: Gold Flash
G: Gold 30U"
Q: Tin Plated (Ni: 30u" Min; Tin: 80u" Min)
S: Matte Tin Plated
5:— A: UL94 V0
B: UL94 V2
6:— A: In Bag
B: In Tube
C: In Tray



Circuits	Dimension mm		
	A	B	C
02	0.00	5.40	9.4
04	4.20	9.60	13.6
06	8.40	13.80	17.8
08	12.60	18.00	22.0
10	16.80	22.20	26.2
12	21.00	26.40	30.4
14	25.20	30.60	34.6
16	29.40	34.80	38.8
18	33.60	39.00	43.0
20	37.80	43.00	47.2
22	42.00	47.40	51.0
24	46.20	51.60	55.6

Recommended PCB Layout

				DR.BY.: Samson		GENERAL TOLERANCE:		PART NO : A42012S-XXX-01-1XX		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED			
						LINEAR		ANGLES				DWG. NO.:	
3X Updated dimensional tolerance JoinZm 20250317				CHKD.: Tony		x.: ±0.30 x': ±5.0°		TITLE : 4.2mm Pitch Wafer					
2X New plating code Judyyan 20200325						x.x: ±0.20 x.x': ±3.0°		Straight Type Mini-Fit W/Peg					
1X ORIGINAL Samson				APPD.: Billy		x.xx: ±0.15 x.xx': ±2.0°		DATE: 28-Nov-2010		SHEET: 1/1			
REV. DESCRIPTION DR.BY ECN. NO.						x.xxx: ±0.10 x.xxx': ±1.0°				SCALE: 1:1			
										UNIT: mm			
										THIRD ANGLE PROJECTION			
										A4			