

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-XXX

1 2 3 4 567

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:—0:Without Peg

1:With Peg

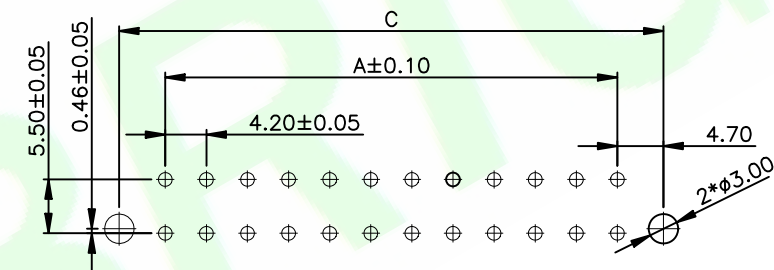
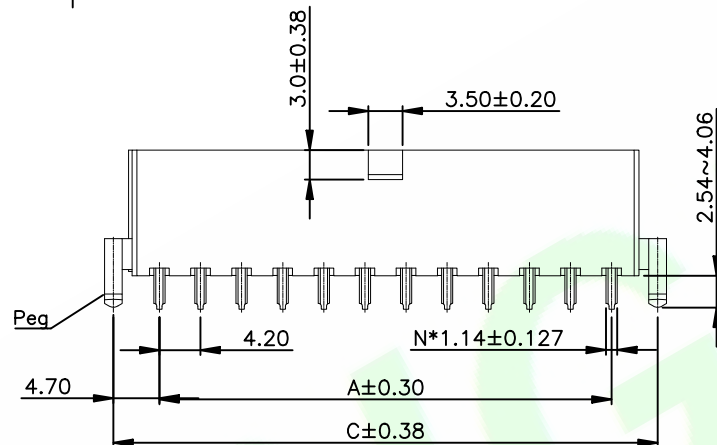
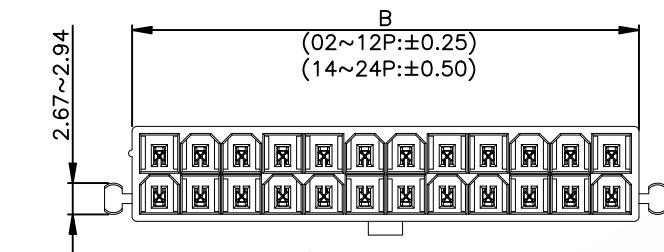
6:—A:UL94 V0

B:UL94 V2

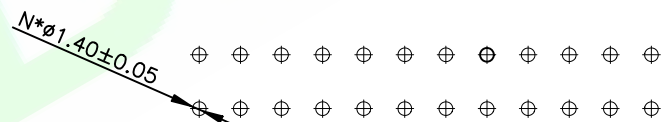
7:—A:In Bag

B:In Tube

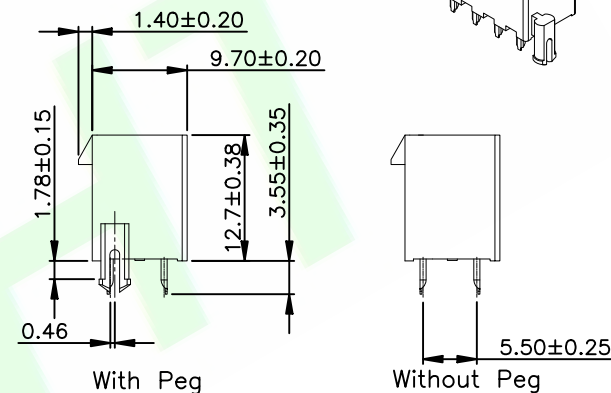
C:In Tray



Recommended PCB Layout(With Peg)



Recommended PCB Layout(Without Peg)



With Peg

Without Peg

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

4X	Add peg codenoptions	Stewie	20260630
3X	Updated dimensional tolerance	JoinZm	20250317
2X	New plating code	Judyyan	20200325
1X	ORIGINAL	Samson	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY:	GENERAL TOLERANCE:	
Samson	LINEAR	ANGLES
CHKD:	X.: ±0.30	X': ±5.0°
Tony	X.X: ±0.20	X.X': ±3.0°
APPD:	X.XX: ±0.15	X.XX': ±2.0°
Billy	X.XXX: ±0.10	X.XXX': ±1.0°

PART NO :	A42012S-XXX-01-XXX	
DWG. NO.:		
TITLE :	4.2mm Pitch Wafer Straight Type Mini-Fit W/Peg	
DATE:	28-Nov-2010	

HJBRIGHT®

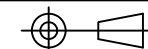
東莞市華晶電子有限公司

BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1

SCALE: 1:1

UNIT: mm



THIRD ANGLE PROJECTION

A4