

Material And Finish:

Insulator:LCP UL94V-0 Color:Black

PIN:Brass

SolderTabs:Brass

Plated:See Ordering Information

Rating:

Current Rating:8.5 Amp (2P/18AWG)

Voltage Rating:600V AC/DC

Operating Temperature Range: $-50^{\circ}\sim+125^{\circ}\text{C}$

Electrical:

Contact resistance:10m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:1500V AC/Minute

Ordering Information

A30001H-XXS-01-G

1 2 3 4 5

1: — Series No.

2:—H:Horizontal SMT Type

3:—No. of Positions

4:—S:Matte Tin Plated

5:— G:Tape&Reel

Diagram illustrating various connector pin configurations (P) and their corresponding pin counts:

- 10P
- 8P
- 6P
- 4P
- 2P
- 18P
- 16P
- 14P
- 12P
- 24P
- 22P
- 20P

Recommended PCB Layout

Circuits	Dimension mm	
	A	B
02	6.65	---
04	9.65	3.00
06	12.65	6.00
08	15.65	9.00
10	18.65	12.00
12	21.65	15.00
14	24.65	18.00
16	27.65	21.00
18	30.65	24.00
20	33.65	27.00
22	36.65	30.00
24	39.65	33.00

5X				DR.BY.: Bruce	GENERAL TOLERANCE:		PART NO : A30001H-XXS-01-X		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED			
4X					LINEAR	ANGLES	DWG. NO.:					
3X	New size control	Judyyan	20240110	CHKD.: Tony	x.: ±	x': ±	TITLE :					
2X	Update code options	Judyyan	20221210		x.x: ±0.30	x.x': ±	3.0mm Pitch Wafer Horizontal SMT Type		SHEET: 1/1		 THIRD ANGLE PROJECTION	A4
1X	ORIGINAL	Bruce		APPD.: Billy	x.xx: ±0.20	x.xx': ±	DATE: 10-Dec-2017		SCALE: 1:1			
REV.	DESCRIPTION	DR.BY	ECN. NO		x.xxx: ±0.10	x.xxx': ±			UNIT: mm			