

RoHS Compliant

Specifications:

Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Brass

Plated:See Ordering Information

Rating:

Current Rating:3.0 Amp

Voltage Rating:250V AC/DC

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

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:500V AC/Minute

Ordering Information

50811S-02X109-NX

1 2 3 4 5

1:— Series No.

2:— S: Straight Type

3:— No. of Positions

4:— A: Gold Flash

D: 10u" Gold on Contact; 3u" Gold on tail

H: 10u" Gold on Contact; Gold Flash on tail

J: Contact: Gold Flash, Solder Tail: Matte Tin Plated

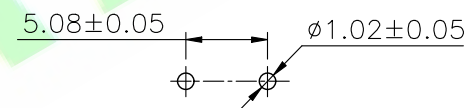
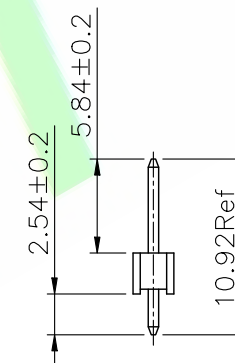
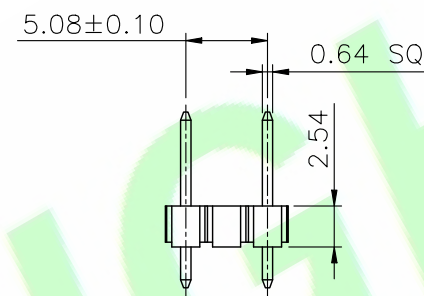
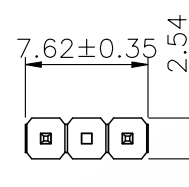
T: Contact: Gold 10u"; Solder tail: Matte Tin Plated.

S: Matte Plated

Q: Tin Plated

5:— A: In bag

B: In Tube



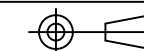
Recommended PCB Layout

1X	ORIGINAL	Judyyan
REV.	DESCRIPTION	DR.BY

DR.BY.: Judyyan	GENERAL TOLERANCE:		PART NO : 50811S-02X109-NX	
	LINEAR	ANGLES	DWG. NO.:	
CHKD.: Tony	X.: ±0.30	X': ±5.0°	TITLE : 5.08mm Pitch Pin Header Straight Type	
	X.X: ±0.20	X.X': ±3.0°		
APPD.: Billy	X.XX: ±0.15	X.XX': ±2.0°	DATE: 27-Aug-2026	
	X.XXX: ±0.10	X.XXX': ±1.0°		

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