

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

25412S-XXX112A-NAX

1 2 3 4 5 6

1:— Series No.

2:— S: Straight Type

3:— No. of Positions

4:— A: Gold Flash

Q: Matte Tin Plated

E: 3u" Gold on contact; Matte Tin Plated

G: 10u" Gold on contact; Matte Tin Plated

5:— A: Insulator body type

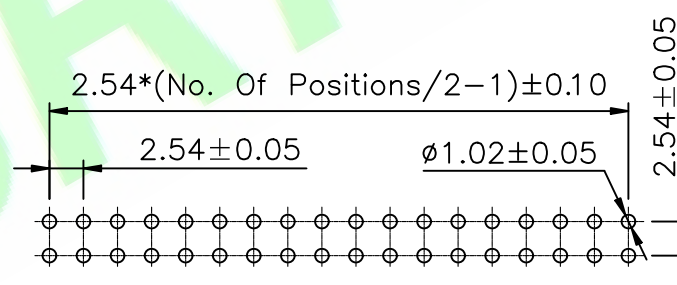
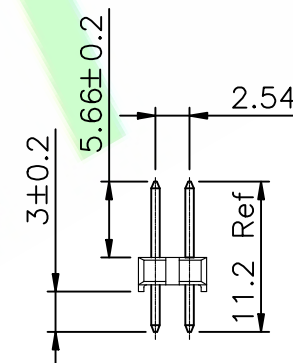
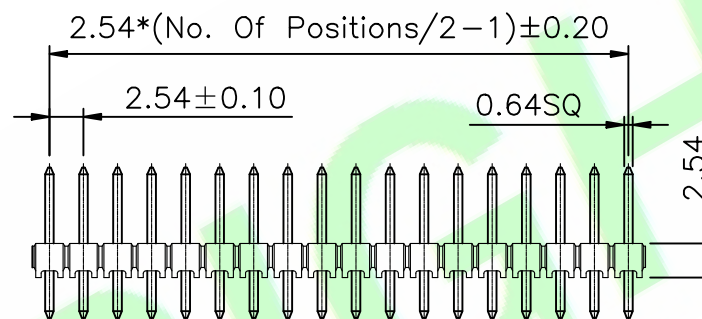
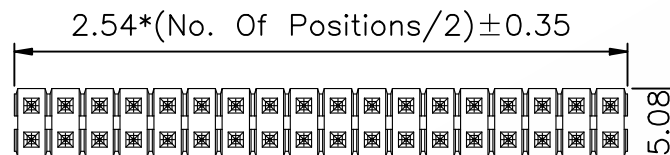
6:— A: In bag

B: In Tube

C: In Tray

G: W/O Tape & Reel

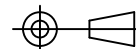
F: W/ Cap tape & Reel



Recommended PCB Layout

1X	ORIGINAL	Judyyan
REV.	DESCRIPTION	DR.BY

DR.BY.: Judyyan	GENERAL TOLERANCE:		PART NO : 25412S-XXX112A-NAX
	LINEAR	ANGLES	
CHKD.: Tony	X.: ±0.30	X': ±5.0°	DWG. NO.:
	X.X: ±0.20	X.X': ±3.0°	
APPD.: Billy	X.XX: ±0.15	X.XX': ±2.0°	TITLE : 2.54mm Pitch Pin Header Straight Type
	X.XXX: ±0.10	X.XXX': ±1.0°	
			DATE: 4-Feb-2026

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