

RoHS Compliant

Specifications:

Material And Finish:

Insulator:PA9T UL94V-0 Color:Black

Contact:Brass

Plated:Surface-plated See Ordering Information

Under-plated 0.76~2.0um Nickel over all.

Rating:

Current Rating:3.0 Amp

Operating Temperature Range:-40°~+125°C

Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:500V AC/Minute

USCAR conform

Ordering Information

25412S-XXX131-NBX

1 2 3 4 5

1:— Series No.

2:— S: Straight Type

3:— No. of Positions

4:— A: Full Gold Flash

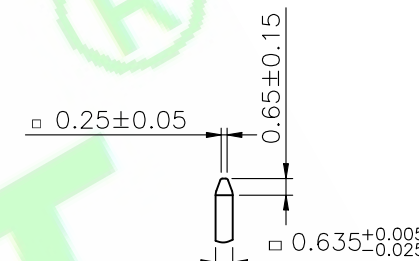
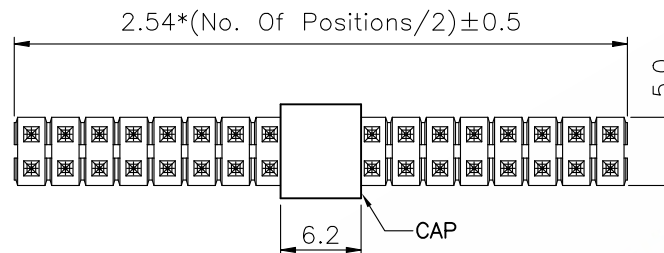
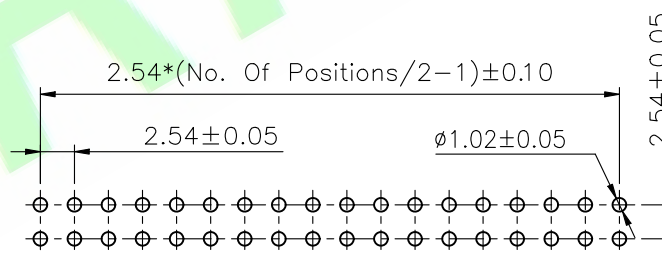
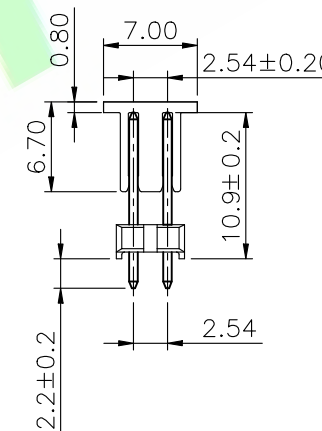
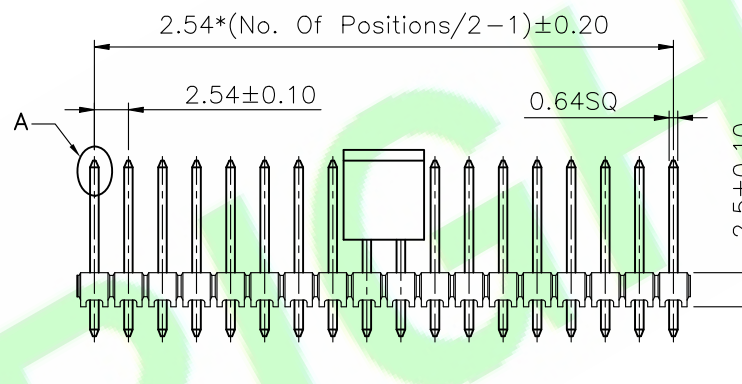
H: Gold Flash/Tin 2.54um

L: 0.38um Gold/Tin 2.54um

Y: 0.76um Gold/Tin 2.54um

S: Full Tin 1.0~2.5um Plated

5:— F: W/Cap Tape & Reel

Detail A
Scale: 3:1

Recommended PCB Layout

				DR.BY.: Judyyan	GENERAL TOLERANCE:		PART NO : 25412S-XXX131-NBX	HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED			
					LINEAR	ANGLES	DWG. NO.:				
				CHKD.: Tony	x.: ±0.30	x': ±5.0°	TITLE : 2.54mm Pitch Pin Header Straight Type		SHEET: 1/1		A4
					x.x: ±0.20	x.x': ±3.0°			SCALE: 1:1		
1X	ORIGINAL	Judyyan		APPD.: Billy	x.xx: ±0.15	x.xx': ±2.0°	DATE: 17-Dec-2025		UNIT: mm		
REV.	DESCRIPTION	DR.BY	ECN. NO.		x.xxx: ±0.10	x.xxx': ±1.0°					