

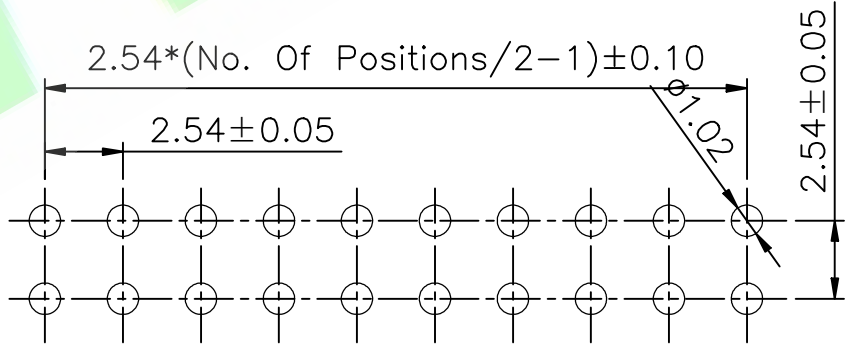
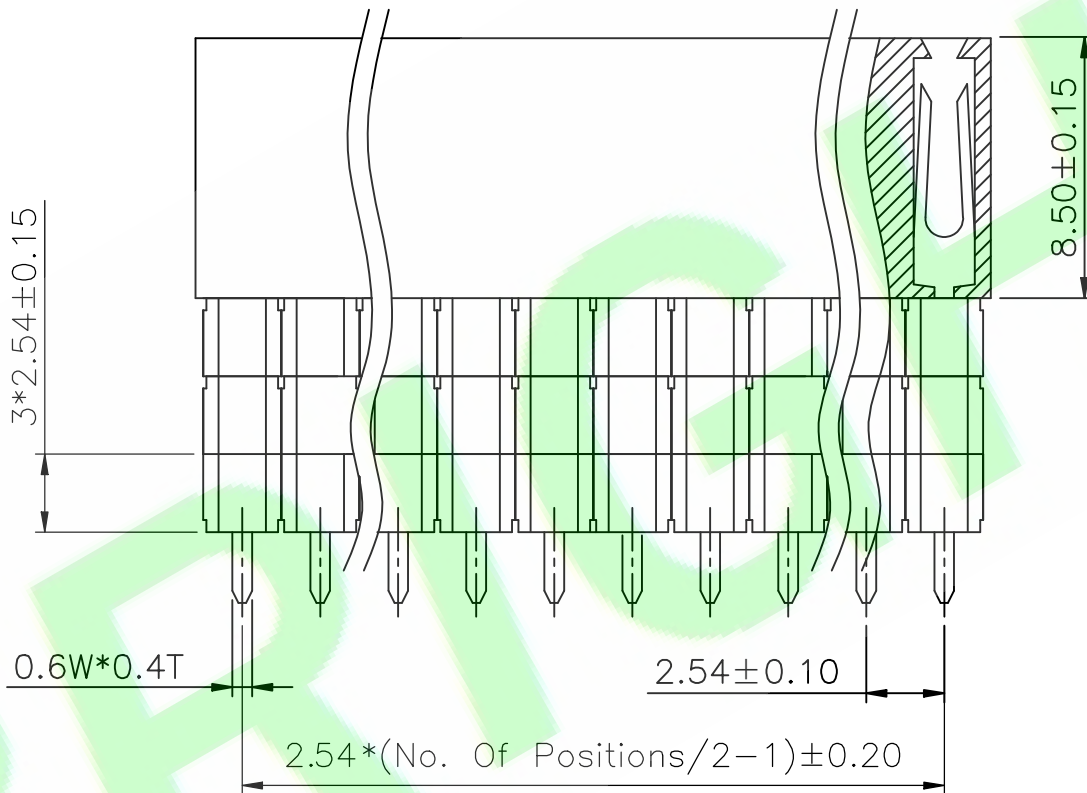
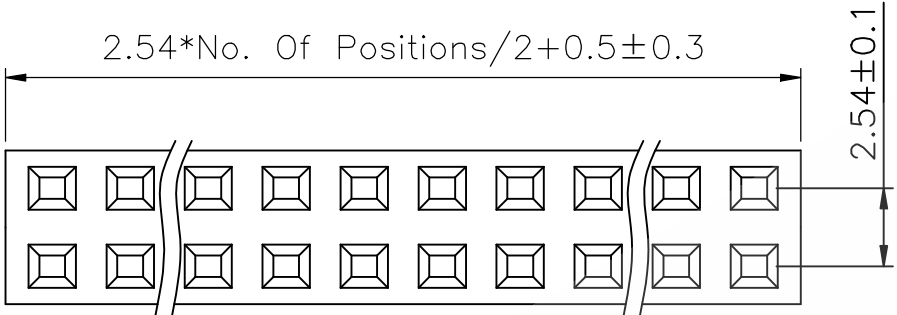
Specifications:
Material And Finish:
Insulator:PA6T UL94V-0 Color:Black
Contact:Copper alloy
Plated:See Ordering Information

Rating:
Current Rating:3.0 Amp
Voltage Rating:250V AC/DC
Operating Temperature Range:-40~+105°C

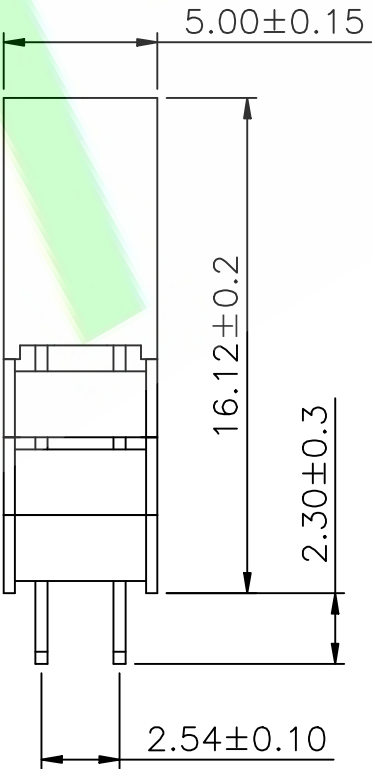
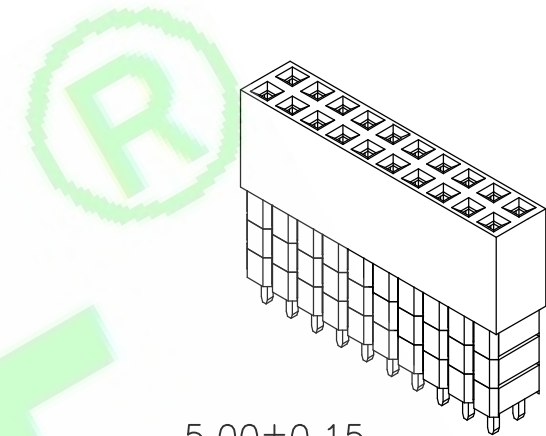
Electrical:
Contact resistance:20m Ohm Max
Insulator resistance:1000M ohm min.
Withstanding Voltage:500V AC/Minute

Ordering Information
S25412S3-XXX85-NX
1 2 3 4 5

- 1: — Series No.
2: — S: Straight Type
3: — No. of Positions
4: — A: Gold Flash
H: Gold Flahs on contact; Matte Tin on tail
L: 15u" Gold on contact; Matte Tin on tail
Y: 30u" Gold on contact; Matte Tin on tail
S: Matte Tin Plated
5: — A: In bag
B: In Tube
C: In Tray



Recommended PCB Layout

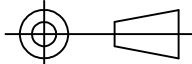


2X	Correct the 2.54Pitch tolerance	Judyyan	20260205
1X	ORIGINAL	Xiao	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.: Xiao	GENERAL TOLERANCE:		PART NO : S25412S3-XXX85-NX
	LINEAR	ANGLES	
CHKD.: Judyyan	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 PCB Socket Header Straight Type
	x.xxx: ±0.10	x.xxx': ±1.0°	
			DATE: 28-Jan-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