

Specifications:**Material And Finish:**

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

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

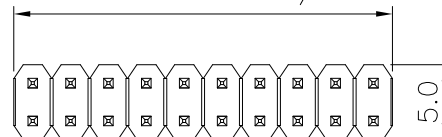
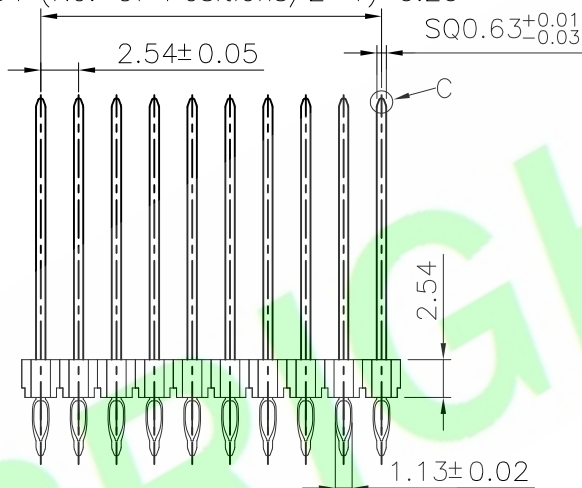
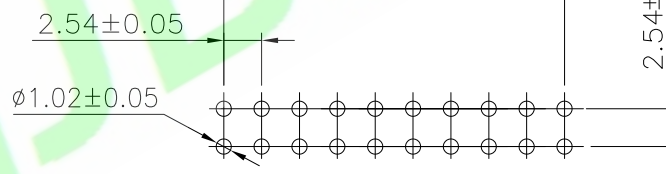
Insulator resistance:1000M ohm min.

Withstanding Voltage:1000V AC/Minute

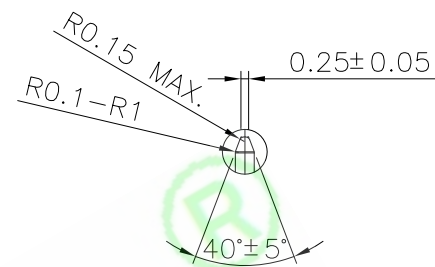
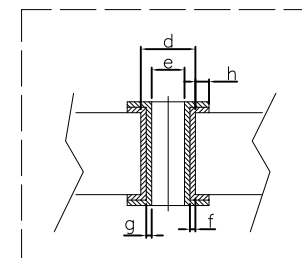
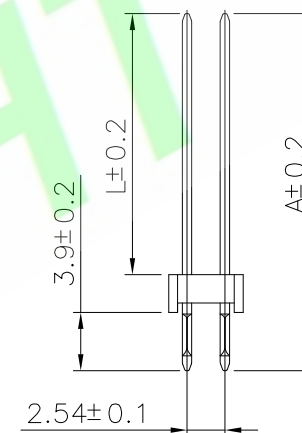
Ordering Information**Y25412S-XXSXXX-NX**

2 3 4 5 6

- 1: — Series No.
2: — S: Straight Type
3: — No. of Positions
4: — S: Matte Tin Plated.
5: — Length Code
6: — A: In bag
B: In Tube
C: In Tray
E: W/Cap In Tube
F: W/Cap In Tape & Reel

 $2.54 * \text{No. Of Positions} / 2 \pm 0.35$  $2.54 * (\text{No. Of Positions} / 2 - 1) \pm 0.20$  $2.54 * (\text{No. Of Positions} / 2 - 1) \pm 0.10$ 

Recommended PCB Layout

View: C
Scale: 2:1

Note	Plated-through hole	
d	Diameter of the hole prior to plating	$\phi 1.15 \pm 0.025 \text{ mm}$
e	Recommended diameter of the finished hole after plating and finish.	$\phi 1.025 \pm 0.05 \text{ mm}$
f	Copper thickness of the tube	25 μm ~ 35 μm
g	Final plating	25 μm ~ 40 μm
h	Pad width	0.15 mm Min.

5X				DR.BY.: Bruce	GENERAL TOLERANCE:		PART NO : Y25412S-XXSXXX-NX		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED			
4X					LINEAR	ANGLES	DWG. NO.:					
3X				CHKD.: Tony	x.: ±0.30	x': ±5.0°	TITLE :		SHEET: 1/1			A4
2X					x.x: ±0.20	x.x': ±3.0°	2.54mm Pitch Pin Header Straight Type		SCALE: 1:1			
1X	ORIGINAL	Bruce		APPD.: Billy	x.xx: ±0.15	x.xx': ±2.0°	DATE: 12-Mar-2017		UNIT: mm			
REV.	DESCRIPTION	DR.BY	ECN. NO.		x.xxx: ±0.10	x.xxx': ±1.0°						