

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

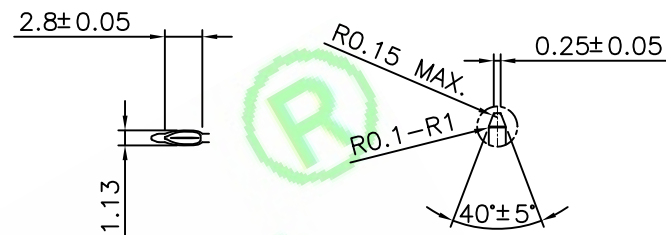
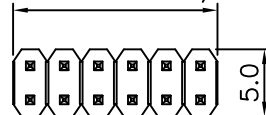
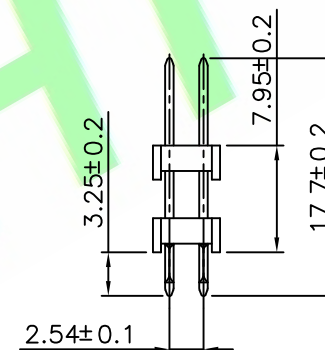
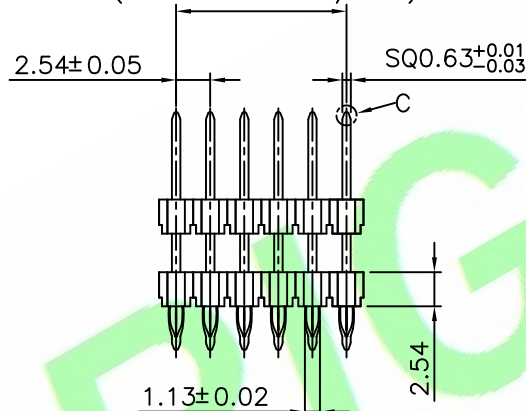
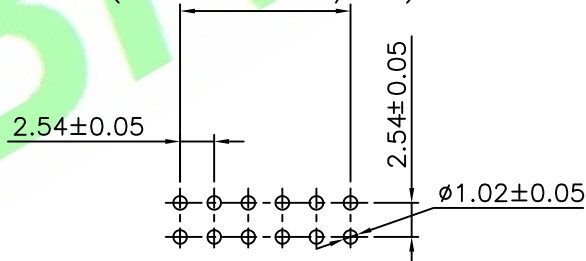
Insulator resistance:1000M ohm min.

Withstanding Voltage:1000V AC/Minute

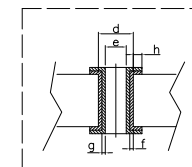
Ordering Information**Y25412S-XXX177-NX**

1 2 3 4 5

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

 $2.54 \times \text{No. Of Positions} / 2 \pm 0.35$ View:C
Scale:2:1 $2.54 \times (\text{No. Of Positions} / 2 - 1) \pm 0.2$  $2.54 \times (\text{No. Of Positions} / 2 - 1) \pm 0.10$ 

Recommended PCB Layout



Note	Plated-through hole		
d	Diameter of the hole prior to plating	Ø1.15±0.025mm	
e	Recommended diameter of the finished hole after plating and finish.	Ø1.025±0.05mm	
f	Copper thickness of the tube	25µm~35µm	
g	Final plating	25µm~40µm	
h	Pad width	0.15 mm Min.	

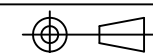
5X				DR.BY.:	GENERAL TOLERANCE:		PART NO : Y25412S-XXX177-NX	
4X				Tsw	LINEAR	ANGLES	DWG. NO.:	
3X				CHKD.:	X.: ±0.30	X': ±5.0°	TITLE :	
2X				Ren	X.X: ±0.20	X.X': ±3.0°	2.54mm Pitch Pin Header Straight Type 2X6P	
1X				APPD.:	X.XX: ±0.15	X.XX': ±2.0°	DATE: 16-Set-2020	
REV.	DESCRIPTION	DR.BY	ECN. NO.	Billy	X.XXX: ±0.10	X.XXX': ±1.0°		

HJBRIGHT 東莞市華晶電子有限公司
BRIGHE-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1

SCALE: 1:1

UNIT: mm



THIRD ANGLE PROJECTION

A4