

Specifications:

Material And Finish:

Insulator:PA6T 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:30m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:500V AC/Minute

Ordering Information

B25412S-XXX-17-X
1 2 3 4 5

- 1:—Series No.
2:—S:Straight Type
3:—No. of Positions
4:—A:Gold Flash

D:10u"Gold on Contact;Gold Flash on tail

F:20u"Gold on Contact;Gold Flash on tail

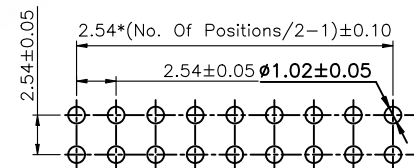
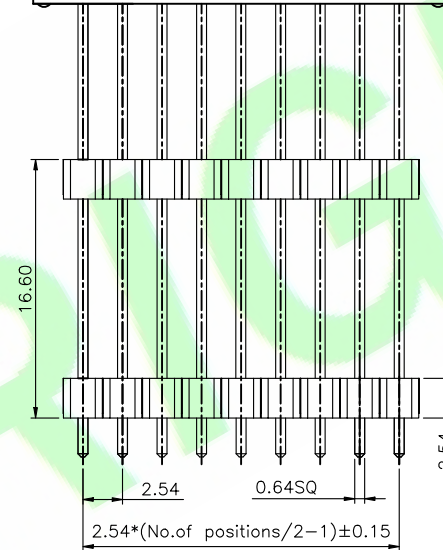
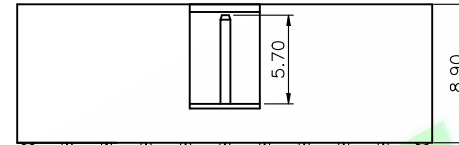
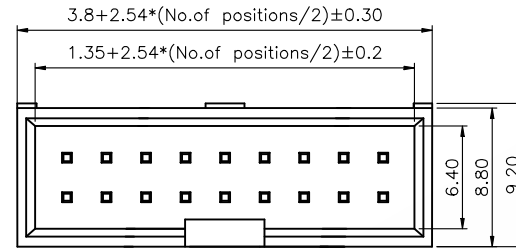
H:Gold Flash on Contact;Matte Tin on tail

T:10u"Gold on Contact;Matte Tin on tail

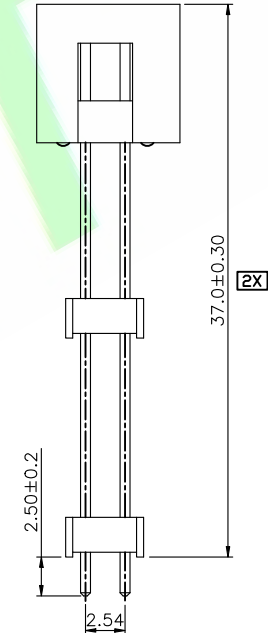
Y:30u"Gold on Contact;Contact;Gold Flash on tail

S:Matte Tin Plated.

- 5:—A:In bag
B:In Tube
C:In Tray

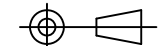


Recommended PCB Layout



DR.BY.: Zolin	GENERAL TOLERANCE:		PART NO : B25412S-XXX-17-X		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
CHKD.: Hu.CH	LINEAR	ANGLES	DWG. NO.:				
APPD.: Billy	x.: ±0.30	x': ±5.0°	TITLE : 2.54mm Pitch Box Header Straight Type		SHEET: 1/1		A4
	x.x: ±0.20	x.x': ±3.0°			SCALE: 1:1		
	x.xx: ±0.15	x.xx': ±2.0°			UNIT: mm		
	x.xxx: ±0.10	x.xxx': ±1.0°	DATE: 4-Dec-2025				

2X	Updated to 37.0 mm	Judyyan	20260902
1X	ORIGINAL	Zolin	
REV.	DESCRIPTION	DR.BY	ECN. NO.



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