

Specifications:

Material And Finish:

Insulator: Glass filled thermoplastic polyester UL94V-0

Color: Black

Pin (outer sleeve): Brass, machined CuZn38Pb2

Contact: Beryllium Copper, heat treated

Plated: See Ordering Information

Rating:

Current rating: 3Amps/contact max.

Operating temperatures:

Gold Plated: -55°C to +105°C

Tin plated: -40°C to +105°C

Electrical:

Contact resistance: $\leq 4m\Omega$ /contactInsulation resistance: $\geq 1000M\Omega$ at V=100V

Operating voltage: 60VAC/DC

Mechanical:

Average insertion force with steel pin of $\phi 0.43mm/0.17"$: $< 250g$ Average withdrawal force with steel pin of $\phi 0.43mm/0.17"$: $> 50g$ min.

Mechanical life cycle: min. 200

Ordering Information

D25412S-XXXF-XX-X

1 2 3 4 5 6 7

1: Series No.

2: S: Straight Type

3: No. of Positions

4: A: Gold Flash

H: Selective Gold Plated

I: Gold 3u"

W: Gold 5u"

R: Gold 10u"

L: Gold 15u"

Q: Tin Plated

5: F: Female

6: Row spacing code

01: 7.62mm Pitch

02: 10.16mm Pitch

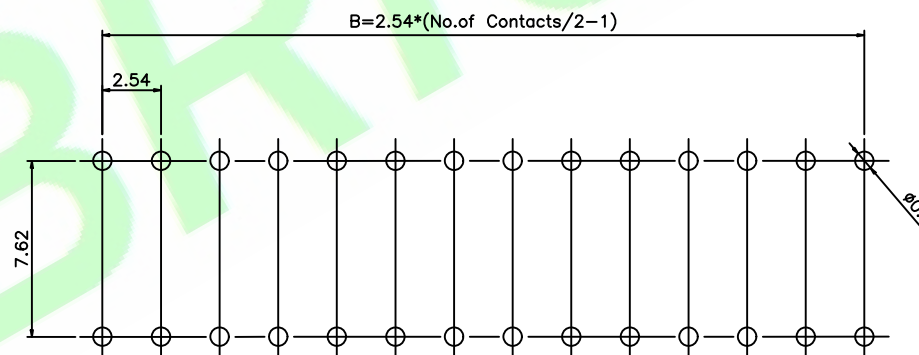
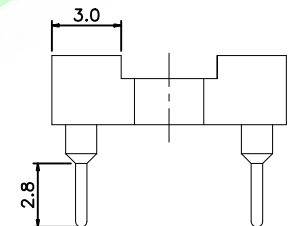
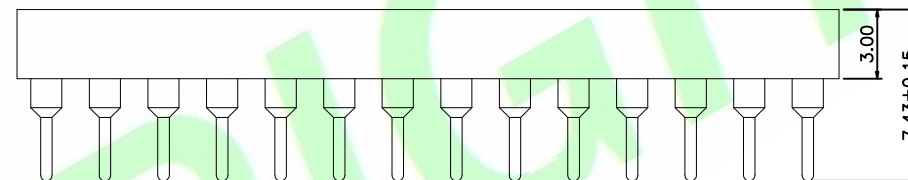
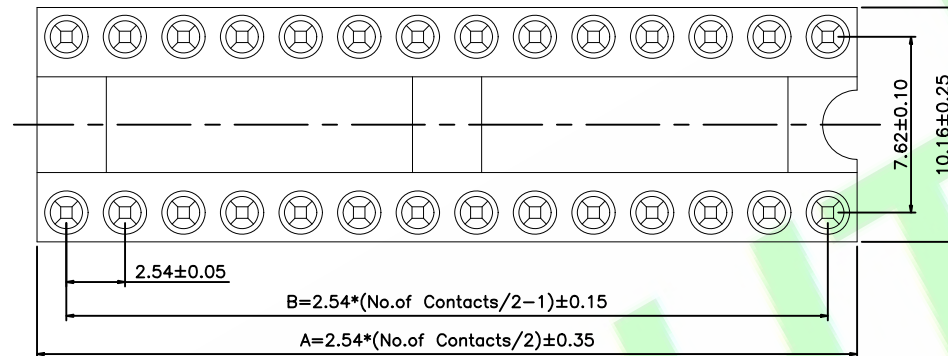
03: 15.24mm Pitch

04: 22.86mm Pitch

7: A: In Bag

B: In Tube

C: In Tray



Recommended PCB Layout

PART NO.	DIM A	DIM B
06P	7.62	5.08
08P	10.16	7.62
14P	17.78	15.24
16P	20.32	17.78
18P	22.86	20.32
20P	25.40	22.86
24P	30.48	27.94
28P	35.56	33.02

5X				DR.BY.: Judyyan	GENERAL TOLERANCE:		PART NO : D25412S-XXXF-XX-X		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
4X					LINEAR	ANGLES					
3X				CHKD.: Aren	x.: ±0.30	x': ±5.0°	DWG. NO.:		SHEET: 1/1 SCALE: 1:1  THIRD ANGLE PROJECTION		
2X					x.x: ±0.20	x.x': ±3.0°	TITLE : 2.54mm Pitch IC Sockets DIP Pin Length 7.43mm Straight Type Female				
1X	ORIGINAL	Judyyan		APPD.:	x.xx: ±0.15	x.xx': ±2.0°			UNIT: mm A4		
REV.	DESCRIPTION	DR.BY	ECN. NO.	Billy	x.xxx: ±0.10	x.xxx': ±1.0°	DATE: 30-Jan-2021				