

RoHS Compliant

Specifications:

Material And Finish:

Insulator:LCP UL94V-0 Color:Nature

Cover:LCP UL94V-0 Color:Black

Contact:Phosphor Bronze

Solder bracket:Phosphor Bronze

Contact:Nickel Plated;Gold Flash

Solder bracket:Nickel Plated;Matte Tin Plated

Rating:

Current Rating:0.5A

Nominal Voltage:50V

Operating Temperature Range:-40°~+105°C

Electrical:

Contact resistance:30m Ω MaxInsulator resistance:500M Ω min.

Withstanding Voltage:150V AC/Rms

Ordering Information

F1027H-XXX-01-XDC

1 2 3 4 5 6

1:—Series No.

2:—H:Horizontal SMT Type

3:—No. of Positions

4:—A:Gold Flash

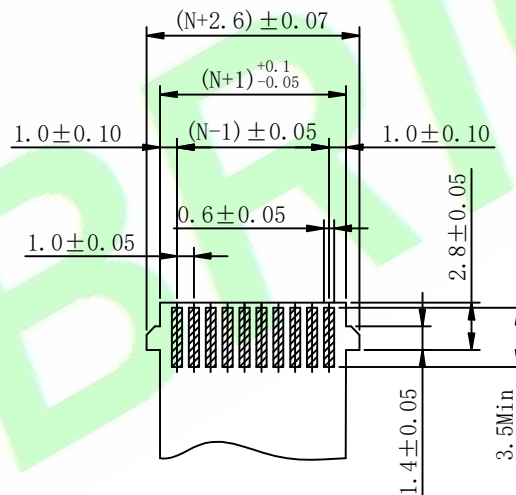
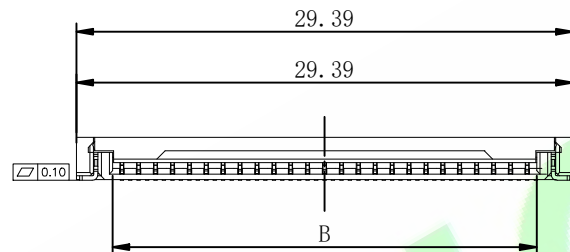
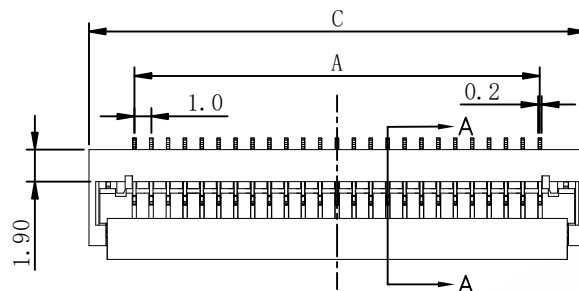
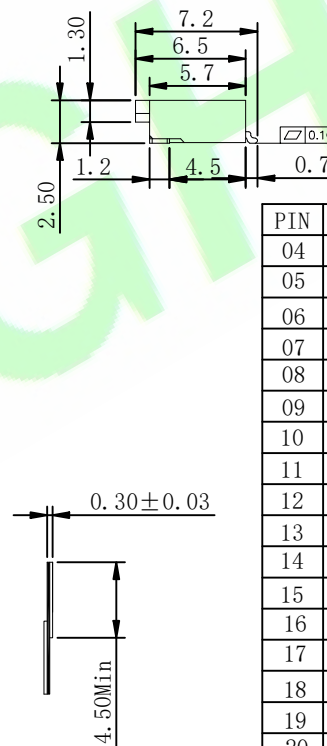
Q:Tin Plated

S:Matte Tin Plated

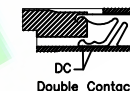
5:—B:In Tube

F:Tape&Reel

6:—DC:Double Contact

Applicable FPC/FFC
Recommended Dimension

PCB LAYOUT



SECTION A-A

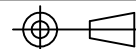
PIN	A	B	C	PIN	A	B	C
04	3.00	5.07	9.40	22	21.00	23.07	27.40
05	4.00	6.07	10.40	23	22.00	24.07	28.40
06	5.00	7.07	11.40	24	23.00	25.07	29.40
07	6.00	8.07	12.40	25	24.00	26.07	30.40
08	7.00	9.07	13.40	26	25.00	27.07	31.40
09	8.00	10.07	14.40	27	26.00	28.07	32.40
10	9.00	11.07	15.40	28	27.00	29.07	33.40
11	10.00	12.07	16.40	29	28.00	30.07	34.40
12	11.00	13.07	17.40	30	29.00	31.07	35.40
13	12.00	14.07	18.40	31	30.00	32.07	36.40
14	13.00	15.07	19.40	32	31.00	33.07	37.40
15	14.00	16.07	20.40	33	32.00	34.07	38.40
16	15.00	17.07	21.40	34	33.00	35.07	39.40
17	16.00	18.07	22.40	35	34.00	36.07	40.40
18	17.00	19.07	23.40	36	35.00	37.07	41.40
19	18.00	20.07	24.40	37	36.00	38.07	42.40
20	19.00	21.07	25.40	38	37.00	39.07	43.40
21	20.00	22.07	26.40	39	38.00	40.07	44.40

5X			
4X			
3X			
2X	Update the FFC	Judyyan	20240506
1X	ORIGINAL	Yuki	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.: Yuki
CHKD.: Aren
APPD.: Billy

GENERAL TOLERANCE:	
LINEAR	ANGLES
x.: ±0.30	x': ±5.0°
x.x: ±0.20	x.x': ±3.0°
x.xx: ±0.15	x.xx': ±2.0°
x.xxx: ±0.10	x.xxx': ±1.0°

PART NO : F1027H-XXX-01-XDC
DWG. NO.:
TITLE : FPC P1.0 H2.5 ZIF SMT DOUBLE-TOUCH CONNECTOR
DATE: 14-Sep-2023

HJBRIGHT® 東莞市華晶電子有限公司		
BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
SHEET: 1/1		A4
SCALE: 1:1		
UNIT: mm		
THIRD ANGLE PROJECTION		