

Specifications:

Material And Finish:

Insulator:LCP UL94V-0

Actuator:LCP UL94V-0

Contact:Copper alloy

Holddown:Copper alloy.Matte Tin Plated

Rating:

Current Rating:0.5 Amp

Voltage Rating:50V AC/DC

Operating Temperature Range:-55~+125°C

Electrical:

Contact resistance:40m Ohm Max

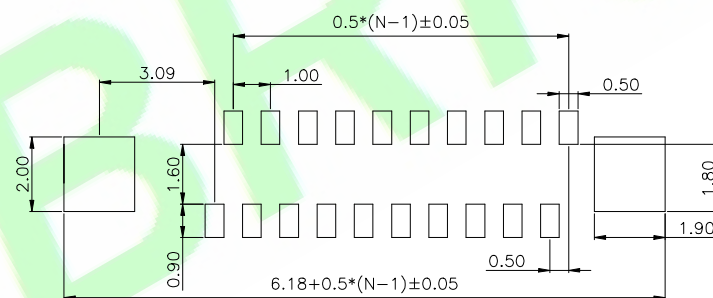
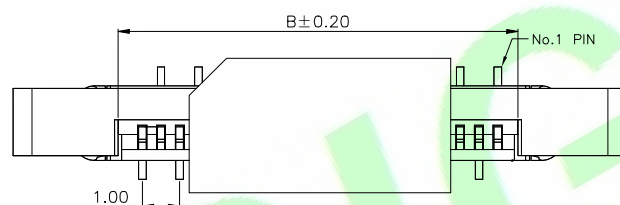
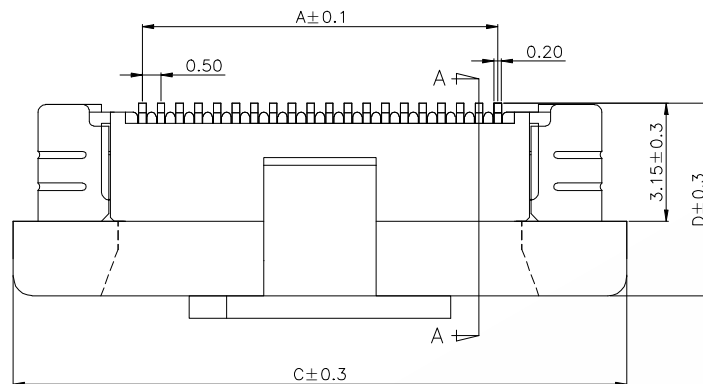
Insulator resistance:500M ohm min.

Withstanding Voltage:200V AC/Minute

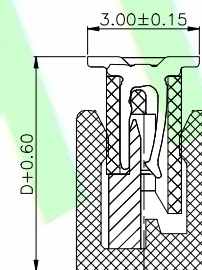
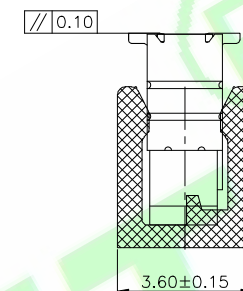
Ordering Information

F0503M-XXX-01-X
1 2 3 4 5

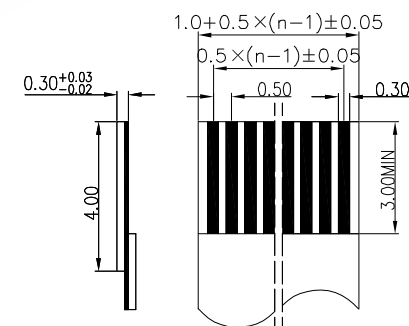
- 1: — Series No.
 2: — H:Horizontal SMT Type
 3: — No. of Positions
 4: — A:Gold Flash
 S:Matte Tin Plated
 Q:Tin Plated
 5: — B:In Tube
 C:In Tray
 D:In Tape&Reel
 F:W/Cap In Tape&Reel



P.C.B Layout



SECTION A-A

FFC/FPC Dimension
(Thickness 0.30 mm)

Circuits	Dimensions			
	Dim A	Dim B	Dim C	Dim D
04	1.50	2.57	8.40	4.65
05	2.00	3.07	8.90	4.65
06	2.50	3.57	9.40	4.65
07	3.00	4.07	9.90	4.65
08	3.50	4.57	10.40	4.65
09	4.00	5.07	10.90	4.65
10	4.50	5.57	11.40	4.65
11	5.00	6.07	11.90	4.65
12	5.50	6.57	12.40	4.65
13	6.00	7.07	12.90	4.65
14	6.50	7.57	13.40	4.65
15	7.00	8.07	13.90	4.65
16	7.50	8.57	14.40	4.65
17	8.00	9.07	14.90	4.65
18	8.50	9.57	15.40	4.65
19	9.00	10.07	15.90	4.65
20	9.50	10.57	16.40	4.65
21	10.00	11.07	16.90	4.65
22	10.50	11.57	17.40	4.65
23	11.00	12.07	17.90	4.65
24	11.50	12.57	18.40	4.65
25	12.00	13.07	18.90	4.65
26	12.50	13.57	19.40	4.65
27	13.00	14.07	19.90	4.65
28	13.50	14.57	20.40	4.65
29	14.00	15.07	20.90	4.65
30	14.50	15.57	21.40	5.15
31	15.00	16.07	21.90	5.15
32	15.50	16.57	22.40	5.15
33	16.00	17.07	22.90	5.15
34	16.50	17.57	23.40	5.15
35	17.00	18.07	23.90	5.15
36	17.50	18.57	24.40	5.15
37	18.00	19.07	24.90	5.15
38	18.50	19.57	25.40	5.15
39	19.00	20.07	25.90	5.15
40	19.50	20.57	26.40	5.15
41	20.00	21.07	26.90	5.15
42	20.50	21.57	27.40	5.15
43	21.00	22.07	27.90	5.15
44	21.50	22.57	28.40	5.15
45	22.00	23.07	28.90	5.15
46	22.50	23.57	29.40	5.15
47	23.00	24.07	29.90	5.15
48	23.50	24.57	30.40	5.15
49	24.00	25.07	30.90	5.15
50	24.50	25.57	31.40	5.15
51	25.00	26.07	31.90	5.15
52	25.50	26.57	32.40	5.15
53	26.00	27.07	32.90	5.15
54	26.50	27.57	33.40	5.15
55	27.00	28.07	33.90	5.15
56	27.50	28.57	34.40	5.15
57	28.00	29.07	34.90	5.15
58	28.50	29.57	35.40	5.15
59	29.00	30.07	35.90	5.15
60	29.50	30.57	36.40	5.15
61	30.00	31.07	36.90	5.15
62	30.50	31.57	37.40	5.15
63	31.00	32.07	37.90	5.15
64	31.50	32.57	38.40	5.15

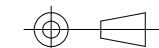
5X				DR.BY.:	
4X				Samson	
3X				CHKD.:	
2X				Tony	
1X	ORIGINAL	Samson		APPD.:	
REV.	DESCRIPTION	DR.BY	ECN. NO.	Billy	

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 : F0503M-XXX-01-X
DWG. NO.:
TITLE : 0.50mm Pitch FPC W/ZIF SMT Type
DATE: 07-Jul-2013

HJBRIGHT® 东莞市華晶电子有限公司
 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/1
SCALE: 1:1
UNIT: mm



THIRD ANGLE PROJECTION

A4