

RoHS Compliant

Specifications:

Material And Finish:

Insulator:LCP(UL94V-0) Natural

Cover:LCP(UL94V-0)Black

Contact:Phosphor Bronze,

Fitting Nail:Brass With Tin Plated.

Rating:

Current Rating:0.5 Amp

Voltage Rating:25V AC/DC

Operating Temperature Range:-25°~+105°C

Electrical:

Contact resistance:100m Ohm Max

Insulator resistance:50M ohm min.

Dielectric Voltage:200V AC/Minute

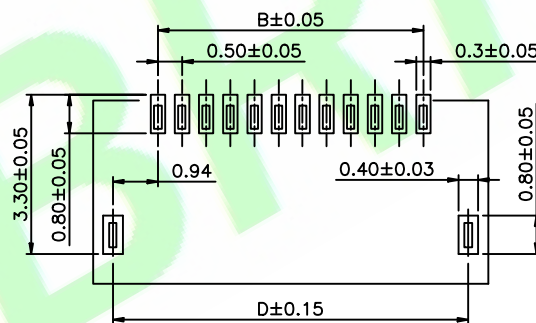
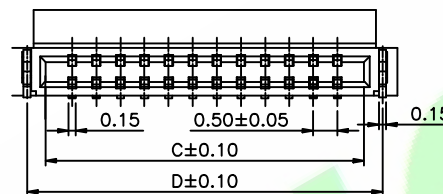
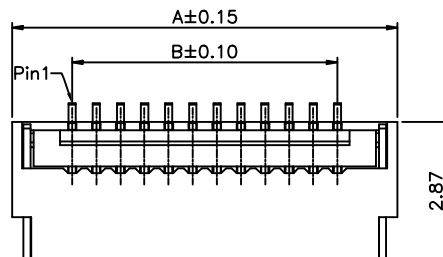
FPC/FFC Retention Force Pull out force
at a speed rate of 25±3mm per minute:
Pos.×0.015kgf {0.15N} Min **[3X]**

Ordering Information

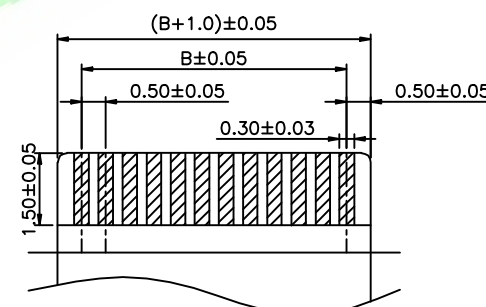
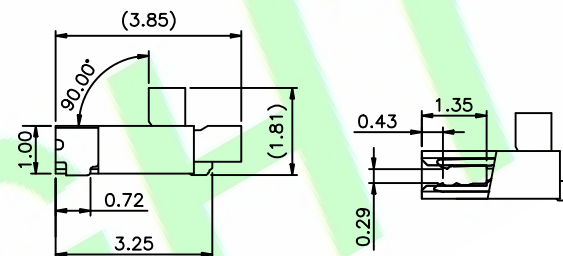
F0510H-XXA-01-DX

1 2 3 4 5 6

- 1:—Series No.
2:—H:Horizontal SMT Type
3:—No. of Positions
4:—A:Gold Flash
5:—D:Double Contact
6:—B:In Tube
C:In Tray
D:In Tape&Reel



Recommended PCB Layout(Tolerance:0.05)

APPLICABLE FPC FFC Dimension
(Thickness:0.30±0.03)

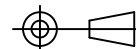
N0.of Positions	A	B	C	D
04	400	1.50	260	337
05	450	2.00	310	387
06	500	2.50	360	437
07	550	3.00	410	487
08	600	3.50	460	537
09	650	4.00	510	587
10	700	4.50	560	637
11	750	5.00	610	687
12	800	5.50	660	737
13	850	6.00	710	787
14	900	6.50	760	837
15	950	7.00	810	887
16	1000	7.50	860	937
17	1050	8.00	910	987
18	1100	8.50	960	1037
19	1150	9.00	1010	1087
20	1200	9.50	1060	1137
21	1250	10.00	1110	1187
22	1300	10.50	1160	1237
23	1350	11.00	1210	1287
24	1400	11.50	1260	1337
25	1450	12.00	1310	1387
26	1500	12.50	1360	1437
27	1550	13.00	1410	1487
28	1600	13.50	1460	1537
29	1650	14.00	1510	1587
30	1700	14.50	1560	1637
31	1750	15.00	1610	1687
32	1800	15.50	1660	1737
33	1850	16.00	1710	1787
34	1900	16.50	1760	1837
35	1950	17.00	1810	1887
36	2000	17.50	1860	1937
37	2050	18.00	1910	1987
38	2100	18.50	1960	2037
39	2150	19.00	2010	2087
40	2200	19.50	2060	2137
41	2250	20.00	2110	2187
42	2300	20.50	2160	2237
43	2350	21.00	2210	2287
44	2400	21.50	2260	2337
45	2450	22.00	2310	2387
46	2500	22.50	2360	2437
47	2550	23.00	2410	2487
48	2600	23.50	2460	2537
49	2650	24.00	2510	2587
50	2700	24.50	2560	2637
51	2750	25.00	2610	2687
52	2800	25.50	2660	2737
53	2850	26.00	2710	2787
54	2900	26.50	2760	2837
55	2950	27.00	2810	2887
56	3000	27.50	2860	2937
57	3050	28.00	2910	2987
58	3100	28.50	2960	3037
59	3150	29.00	3010	3087
60	3200	29.50	3060	3137

5X			
4X			
3X	Update electrical performance parameters	Judyyan	20231116
2X	Update the operating temperature range	Judyyan	20231021
1X	ORIGINAL	Bruce	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.:	Bruce
CHKD.:	Aaron
APPD.:	Billy

GENERAL TOLERANCE:	
LINEAR	ANGLES
x.: ±0.30	x': ±3.0°
x.x: ±0.20	x.x': ±2.0°
x.xx: ±0.10	x.xx': ±1.0°
x.xxx: ±0.05	x.xxx': ±

PART NO : F0510H-XXA-01-DX
DWG. NO.:
TITLE : 0.50mm Pitch FPC FFC W/ZIF Horizontal SMT Type Double Contact
DATE: 20-Jun-2016

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