

ELECTRICAL:

CURRENT RATING: 0.5A
 VOLTAGE RATING: 50 VDC
 CONTACT RESISTANCE: 30Ω max. (at 20 mVDC, 100mA max.)
 INSULATOR RESISTANCE: 100MΩ min. (at 500 VDC)
 DIELECTRIC WITHSTANDING VOLTAGE: AC 250V / 60sec.

TEMPERATURE RANGE: -25°C to +85°C

MATERIAL:

HOUSING: PA46 UL94V-0 /COLOR: White
 SLIDER: PPA UL94V-0 /COLOR: White
 CONTACT PLATING: Copper Alloy /UNDER PLATING: Nickel (50μ") MIN.
 OVER PLATING: Tin Alloy (100μ") MIN.
 LATCH: Copper Alloy /UNDER PLATING: Copper (50μ") MIN.
 OVER PLATING: Tin Alloy (100μ") MIN.

HOW TO ORDER:

F **2** **1** **4** - **X** **X** **2** **B** - **4** **0** **X** - **Z**

NUMBER OF CONTACTS:
 05 to 50 - SEE PAGE 2

DEFINITION:
 2 - SMT

INSERT DIRECTION:
 B - SIDE ENTRY

CONTACT POINT:
 4 - LOWER CONTACT

FOOTPRINT:
 0 - STANDARD

PACKAGING:
 0 - TUBE
 2 - TAPE/REEL

RoHS COMPLIANT

Rev		Drawn	Checked	Approved	Date
0	Issued	B.S.	S.M.	S.M.	03/07/12
A	Revised Depth Dimension	B.S.	S.M.	S.M.	07/12/13
B	Revised Height Dimension and Tolerance Range	B.S.	S.M.	S.M.	01/21/14

SMP TECHNOLOGY, INC.

FFC Connector; 0.5mm Pitch, Side Entry, ZIF, SMT Type; Std.

SCALE: N/A

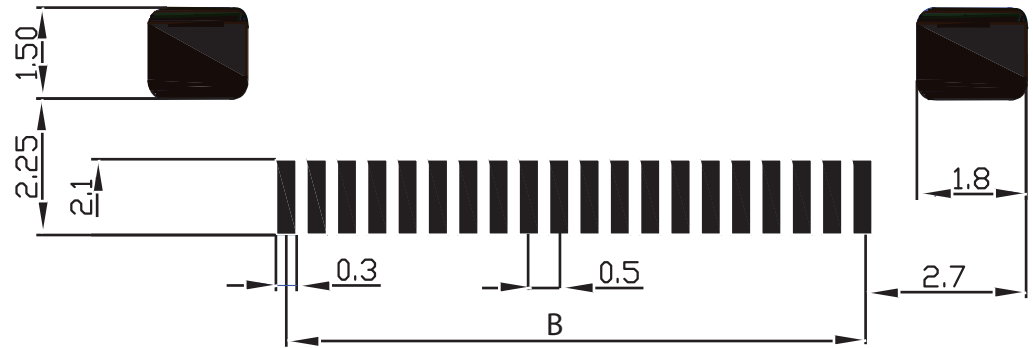
Unspecified Tolerance Δ < 6 mm +/- 0.2 6~20mm +/- 0.3 >20mm +/- 0.4 ANGLE +/- 2° UNIT: mm

Footprint: Bottom Contact ; Type B

P/N: F 2 1 4 - X X 2 B - 4 0 X - Z

Pg: 1 of 2

# Circuits	A	B	C	# Circuits	A	B	C
6	8.50	2.50	3.60	34	22.50	16.50	17.60
7	9.00	3.00	4.10	35	23.00	17.00	18.10
8	9.50	3.50	4.60	36	23.50	17.50	18.60
9	10.00	4.00	5.10	37	24.00	18.00	19.10
10	10.50	4.50	5.60	38	24.50	18.50	19.60
11	11.00	5.00	6.10	39	25.00	19.00	20.10
12	11.50	5.50	6.60	40	25.50	19.50	20.60
13	12.00	6.00	7.10	41	26.00	20.00	21.10
14	12.50	6.50	7.60	42	26.50	20.50	21.60
15	13.00	7.00	8.10	43	27.00	21.00	22.10
16	13.50	7.50	8.60	44	27.50	21.50	22.60
17	14.00	8.00	9.10	45	28.00	22.00	23.10
18	14.50	8.50	9.60	46	28.50	22.50	23.60
19	15.00	9.00	10.10	47	29.00	23.00	24.10
20	15.50	9.50	10.60	48	29.50	23.50	24.60
21	16.00	10.00	11.10	49	30.00	24.00	25.10
22	16.50	10.50	11.60	50	30.50	24.50	25.60
23	17.00	11.00	12.10	51	31.00	25.00	26.10
24	17.50	11.50	12.60	52	31.50	25.50	26.60
25	18.00	12.00	13.10	53	32.00	26.00	27.10
26	18.50	12.50	13.60	54	32.50	26.50	27.60
27	19.00	13.00	14.10	55	33.00	27.00	28.10
28	19.50	13.50	14.60	56	33.50	27.50	28.60
29	20.00	14.00	15.10	57	34.00	28.00	29.10
30	20.50	14.50	15.60	58	34.50	28.50	29.60
31	21.00	15.00	16.10	59	35.00	29.00	30.10
32	21.50	15.50	16.60	60	35.50	29.50	30.60
33	22.00	16.00	17.10				



**RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)**

Rev	Drawn	Checked	Approved	Date	
0	B.S.	S.M.	S.M.	03/07/12	SMP TECHNOLOGY, INC.
A	B.S.	S.M.	S.M.	07/12/13	FFC Connector; 0.5mm Pitch, Side Entry, ZIF, SMT Type; Std.
B	B.S.	S.M.	S.M.	01/21/14	
SCALE: N/A					Footprint; Bottom Contact ; Type B
Unspecified Tolerance Δ < 6 mm +/-0.2 6~20mm +/-0.3 >20mm +/- 0.4 ANGLE +/- 2° UNIT: mm					P/N: F 2 1 4 - XX 2 B - 4 0 X - Z