

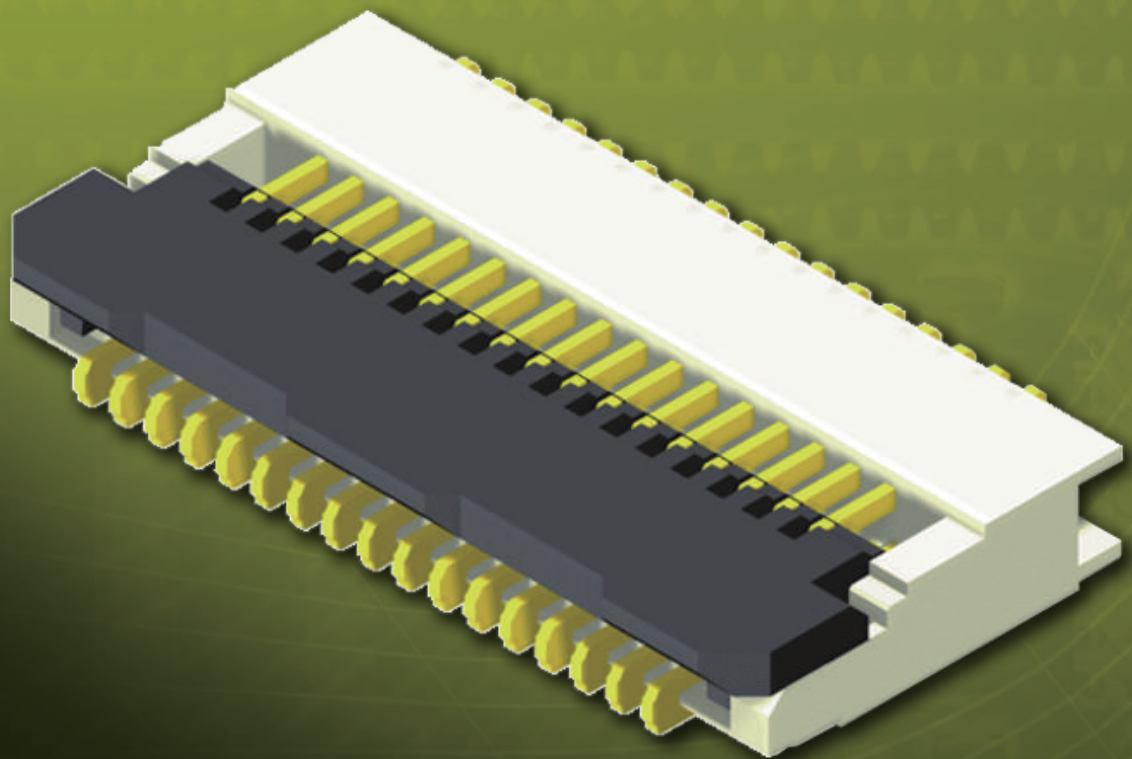
FPC / FFC Connectors

4-1~4-24

• FPC

4-25

• Flat Cable



AMTEK Technology Co., Ltd

FPC

- 4-1 ▶ FPC/FFC 0.2mm ZIF SMT Type Side Entry For FFC T=0.2mm
- 4-2 ▶ FPC/FFC 0.3mm ZIF SMT Type Side Entry For FFC T=0.2mm
- 4-3 ▶ FPC/FFC 0.5mm ZIF SMT Type Side Entry
- 4-4 ▶ FPC/FFC 0.5mm ZIF SMT Type Side Entry
- 4-4 ▶ FPC/FFC 0.5mm ZIF Slim SMT Type Side Entry
- 4-5 ▶ FPC/FFC 0.5mm ZIF SMT Type Top Entry
- 4-6 ▶ FPC/FFC 0.5mm ZIF SMT Back Flip Type
- 4-7 ▶ FPC/FFC 0.5mm ZIF SMT Type Side Entry
- 4-7 ▶ FPC/FFC 0.5mm ZIF SMT Type Top Entry
- 4-8 ▶ FPC/FFC 0.5mm ZIF SMT Type Side Entry
- 4-9 ▶ FPC/FFC 0.5mm Non ZIF SMT Type Side Entry
- 4-10 ▶ FPC/FFC 0.8mm ZIF SMT Type Side Entry
- 4-11 ▶ FPC/FFC 1.0mm ZIF SMT Type Side Entry
- 4-12 ▶ FPC/FFC 1.0mm ZIF Slim SMT Type Side Entry
- 4-12 ▶ FPC/FFC 1.0mm ZIF SMT Type Top Entry
- 4-13 ▶ FPC/FFC 1.0mm ZIF SMT Type Side Entry
- 4-13 ▶ FPC/FFC 1.0mm ZIF SMT Type Top Entry
- 4-14 ▶ FPC/FFC 1.0mm Non ZIF SMT Type Side Entry
- 4-15 ▶ FPC/FFC 1.0mm Non ZIF SMT Type Side Entry
- 4-15 ▶ FPC/FFC 1.0mm Non ZIF SMT Type Top Entry
- 4-16 ▶ FPC/FFC 1.0mm Non ZIF Dip Type Side Entry
- 4-17 ▶ FPC/FFC 1.0mm Non ZIF Dip Type Side Entry
- 4-17 ▶ FPC/FFC 1.0mm Non ZIF Dip Type Top Entry
- 4-18 ▶ FPC/FFC 1.25mm Non ZIF SMT Type Side Entry
- 4-19 ▶ FPC/FFC 1.25mm Non ZIF SMT Type Top Entry
- 4-20 ▶ FPC/FFC 1.25mm Non ZIF Dip Type Side Entry
- 4-20 ▶ FPC/FFC 1.25mm Non ZIF Dip Type Top Entry
- 4-21 ▶ FPC/FFC 1.25mm Non ZIF Single Contact Dip Type Side Entry
- 4-21 ▶ FPC/FFC 1.25mm Non ZIF Single Contact Dip Type Top Entry
- 4-22 ▶ FPC/FFC 2.54mm Non ZIF Single Contact Dip Type Side Entry
- 4-22 ▶ FPC/FFC 2.54mm Non ZIF Single Contact Dip Type Top Entry
-  4-23 ▶ FPC/FFC 0.3mm ZIF SMT Type Side Entry
-  4-24 ▶ FPC/FFC 0.5mm ZIF SMT Type Side Entry
- 4-25 ▶ Flat Cable

F

PC/FFC Connectors



CONNECTORS MANUFACTURER



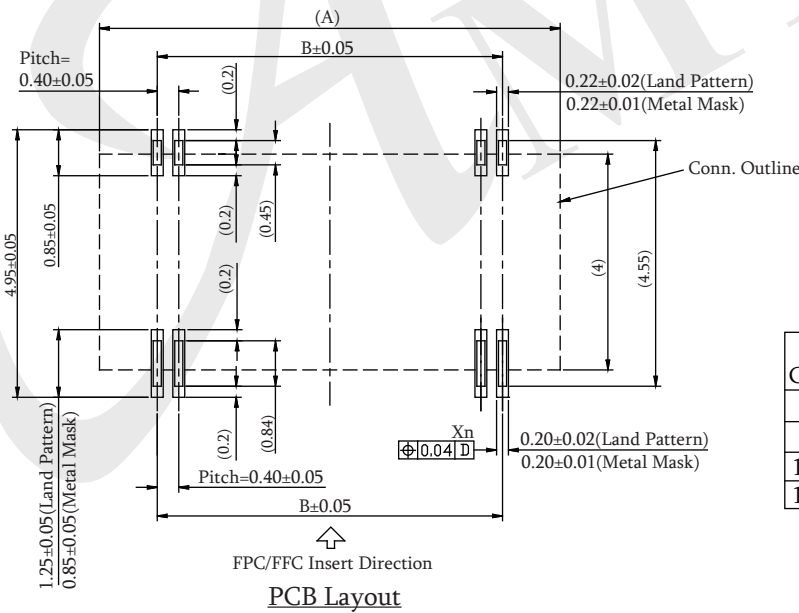
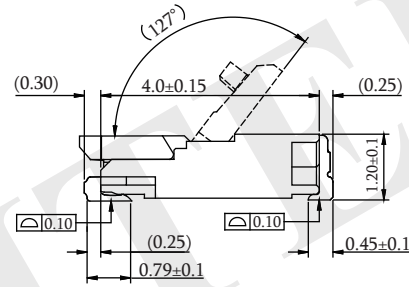
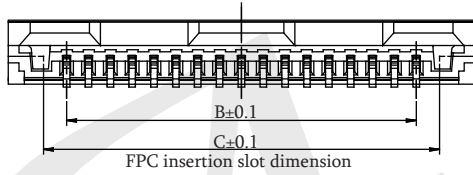
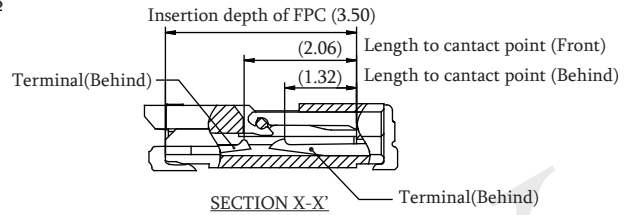
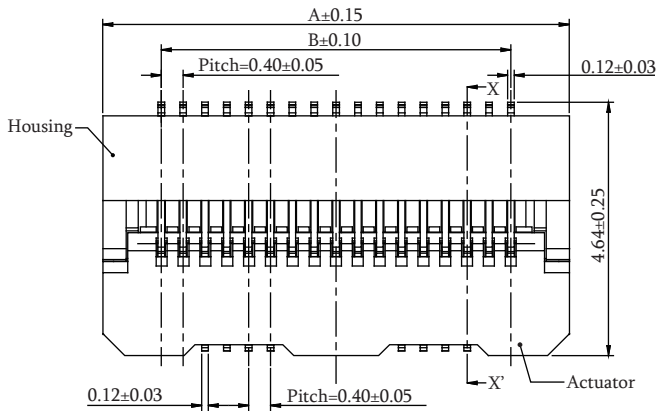
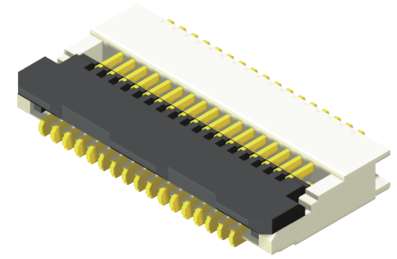
FPC/FFC 0.2mm ZIF SMT Type Side Entry For FFC T=0.2mm

Specifications

Current Rating: 0.25 AMP
 Insulation Resistance: 100MΩ Min.
 Contact Resistance: 20mΩ Max.
 Dielectric Voltage: 120V AC for one minute
 Operation Temperature: -55°C to +85°C

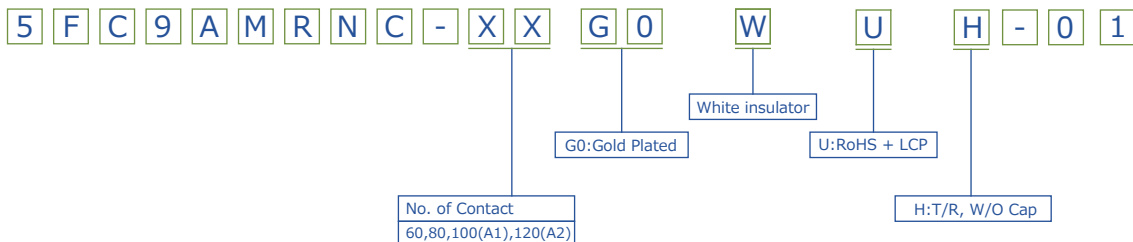
Material

Insulator: Polyester, UL 94V-0
 ©Standard: LCP
 Terminal: Copper Alloy
 Plated: Gold Plated



No. of Contacts	Dimensions			n
	A	B	C	
60	13.74	11.60	12.47	30
80	17.74	15.60	16.47	40
100(A1)	21.74	19.60	20.47	50
120(A2)	25.74	23.60	24.47	60

ORDER INFORMATION



©: Standard Recommend

Old P/N: FPC9AMR1C



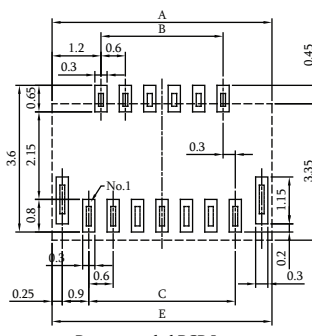
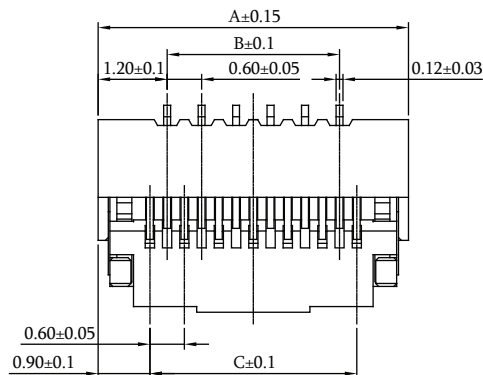
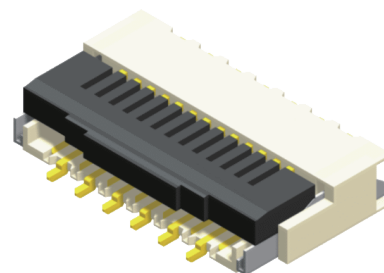
FPC/FFC 0.3mm ZIF SMT Type Side Entry For FFC T=0.2mm

Specifications

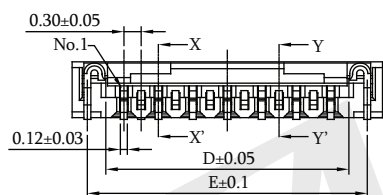
Current Rating: 0.2 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 40mΩ Max.
 Dielectric Voltage: 100V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

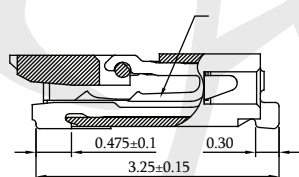
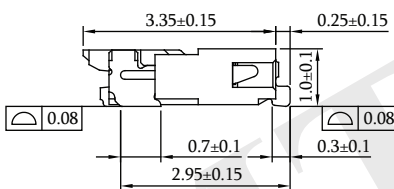
Insulator: Polyester, UL 94V-0
 ©Standard: LCP
 Terminal: Copper Alloy
 Plated: Gold Plated



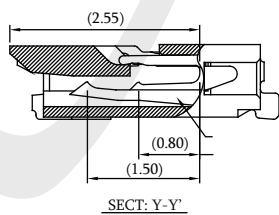
Recommended PCB Layout
(PCB TOLERANCE ±0.1)



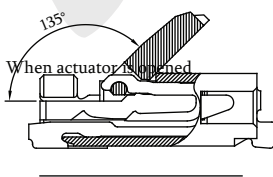
Terminal(odd)



SECT: X-X'

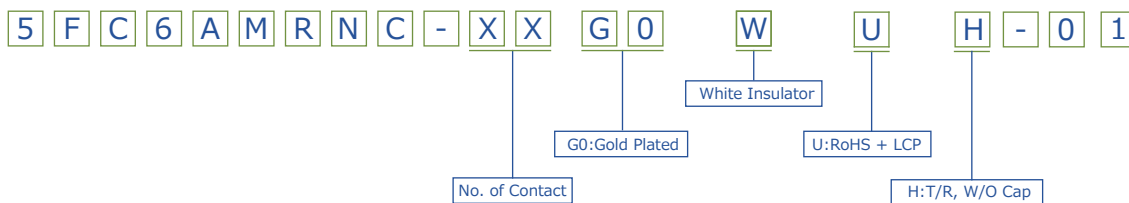


SECT: Y-Y'



No. of Contacts	Dimensions				
	A	B	C	D	E
9	4.20	1.80	2.40	3.03	3.70
11	4.80	2.40	3.00	3.63	4.30
13	5.40	3.00	3.60	4.23	4.90
15	6.00	3.60	4.20	4.83	5.50
17	6.60	4.20	4.80	5.43	6.10
19	7.20	4.80	5.40	6.03	6.70
21	7.80	5.40	6.00	6.63	7.30
23	8.40	6.00	6.60	7.23	7.90
25	9.00	6.60	7.20	7.83	8.50
27	9.60	7.20	7.80	8.43	9.10
29	10.20	7.80	8.40	9.03	9.70
31	10.80	8.40	9.00	9.63	10.30
33	11.40	9.00	9.60	10.23	10.90
35	12.00	9.60	10.20	10.83	11.50
37	12.60	10.20	10.80	11.43	12.10
39	13.20	10.80	11.40	12.03	12.70
41	13.80	11.40	12.00	12.63	13.30
43	14.40	12.00	12.60	13.23	13.90
45	15.00	12.60	13.20	13.83	14.50
49	16.20	13.80	14.40	15.03	15.70
51	16.80	14.40	15.00	15.63	16.30
57	18.60	16.20	16.80	17.43	18.10
61	19.80	17.40	18.00	18.63	19.30
67	21.60	19.20	19.80	20.43	21.10
71	22.80	20.40	21.00	21.63	22.30

ORDER INFORMATION



CONNECTORS MANUFACTURER



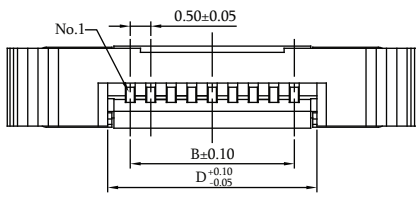
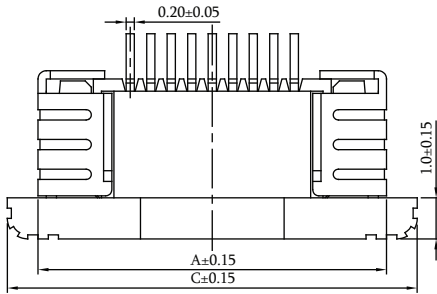
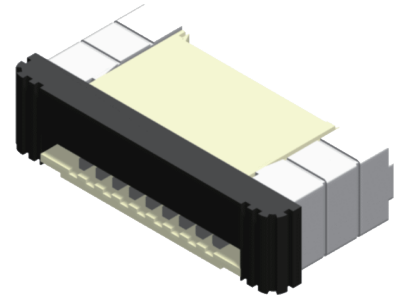
FPC/FFC 0.5mm ZIF SMT Type Side Entry

Specifications

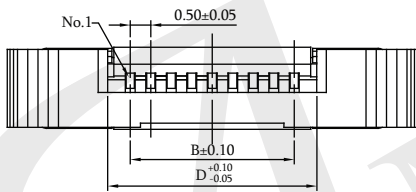
Current Rating: 0.4 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

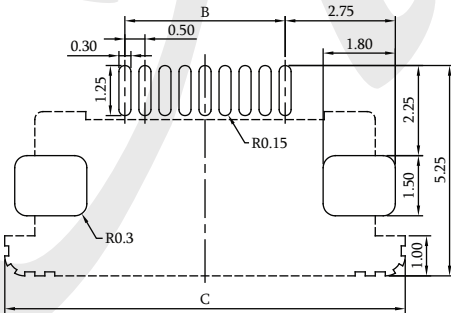
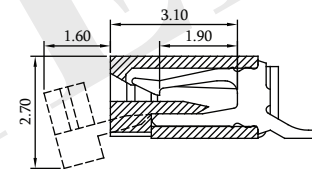
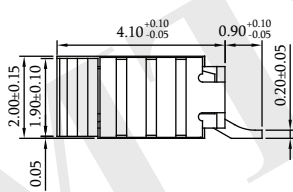
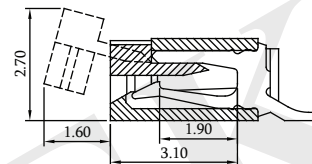
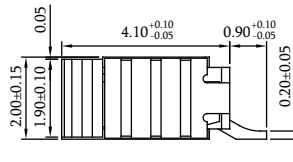
Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 46
 Terminal: Copper Alloy
 Plated: Tin Plated



Bottom Contact



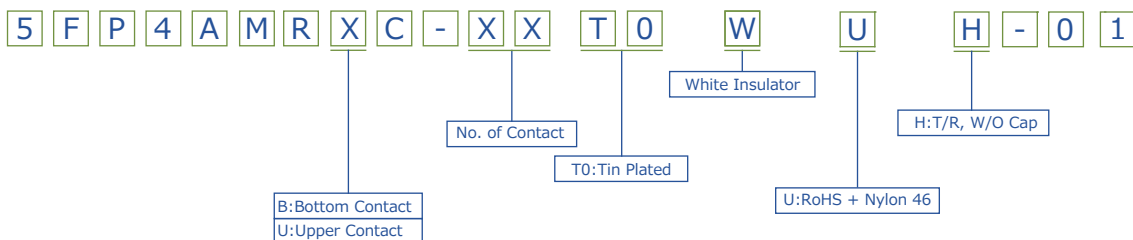
Upper Contact



Recommended PCB Layout
 (PCB TOLERANCE ±0.1)

No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
4	6.00	1.50	7.50	2.60	28	18.00	13.50	19.50	14.60
5	6.50	2.00	8.00	3.10	29	18.50	14.00	20.00	15.10
6	7.00	2.50	8.50	3.60	30	19.00	14.50	20.50	15.60
7	7.50	3.00	9.00	4.10	31	19.50	15.00	21.00	16.10
8	8.00	3.50	9.50	4.60	32	20.00	15.50	21.50	16.60
9	8.50	4.00	10.00	5.10	33	20.50	16.00	22.00	17.10
10	9.00	4.50	10.50	5.60	34	21.00	16.50	22.50	17.60
11	9.50	5.00	11.00	6.10	35	21.50	17.00	23.00	18.10
12	10.00	5.50	11.50	6.60	36	22.00	17.50	23.50	18.60
13	10.50	6.00	12.00	7.10	37	22.50	18.00	24.00	19.10
14	11.00	6.50	12.50	7.60	38	23.00	18.50	24.50	19.60
15	11.50	7.00	13.00	8.10	39	23.50	19.00	25.00	20.10
16	12.00	7.50	13.50	8.60	40	24.00	19.50	25.50	20.60
17	12.50	8.00	14.00	9.10	41	24.50	20.00	26.00	21.10
18	13.00	8.50	14.50	9.60	42	25.00	20.50	26.50	21.60
19	13.50	9.00	15.00	10.10	43	25.50	21.00	27.00	22.10
20	14.00	9.50	15.50	10.60	44	26.00	21.50	27.50	22.60
21	14.50	10.00	16.00	11.10	45	26.50	22.00	28.00	23.10
22	15.00	10.50	16.50	11.60	46	27.00	22.50	28.50	23.60
23	15.50	11.00	17.00	12.10	47	27.50	23.00	29.00	24.10
24	16.00	11.50	17.50	12.60	48	28.00	23.50	29.50	24.60
25	16.50	12.00	18.00	13.10	49	28.50	24.00	30.00	25.10
26	17.00	12.50	18.50	13.60	50	29.00	24.50	30.50	25.60
27	17.50	13.00	19.00	14.10					

ORDER INFORMATION



©: Standard Recommend

Old P/N: FPC4AMR1

AMTEK CONNECTORS MANUFACTURER

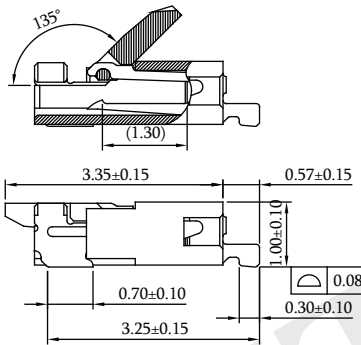
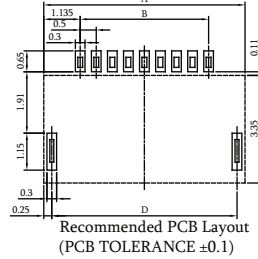
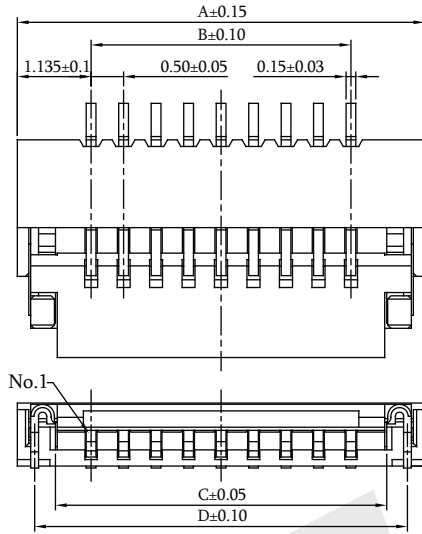
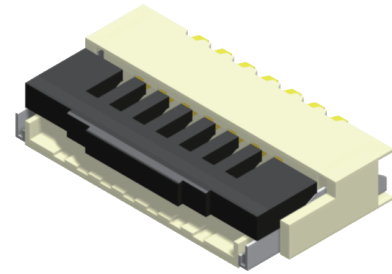
FPC/FFC 0.5mm ZIF SMT Type Side Entry

Specifications

Current Rating: 0.5 AMP
 Insulation Resistance: 50MΩ Min.
 Contact Resistance: 40mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 Standard: LCP
 Terminal: Copper Alloy
 Plated: Gold Plated



No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
04	3.77	1.50	2.60	3.27	23	13.27	11.00	12.10	12.77
05	4.27	2.00	3.10	3.77	24	13.77	11.50	12.60	13.27
06	4.77	2.50	3.60	4.27	26	14.77	12.50	13.60	14.27
07	5.27	3.00	4.10	4.77	27	15.27	13.00	14.10	14.77
08	5.77	3.50	4.60	5.27	28	15.77	13.50	14.60	15.27
09	6.27	4.00	5.10	5.77	29	16.27	14.00	15.10	15.77
10	6.77	4.50	5.60	6.27	30	16.77	14.50	15.60	16.27
12	7.77	5.50	6.60	7.27	32	17.77	15.50	16.60	17.27
13	8.27	6.00	7.10	7.77	33	18.27	16.00	17.10	17.77
14	8.77	6.50	7.60	8.27	34	18.77	16.50	17.60	18.27
15	9.27	7.00	8.10	8.77	35	19.27	17.00	18.10	18.77
16	9.77	7.50	8.60	9.27	36	19.77	17.50	18.60	19.27
17	10.27	8.00	9.10	9.77	38	20.77	18.50	19.60	20.27
18	10.77	8.50	9.60	10.27	39	21.27	19.00	20.10	20.77
19	11.27	9.00	10.10	10.77	40	21.77	19.50	20.60	21.27
20	11.77	9.50	10.60	11.27	43	23.27	21.00	22.10	22.77
21	12.27	10.00	11.10	11.77	45	24.27	22.00	23.10	23.77
22	12.77	10.50	11.60	12.27	50	26.77	24.50	25.60	26.27

P/N.: 5FC4AMRNC-XX-01

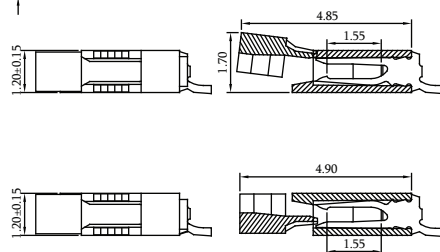
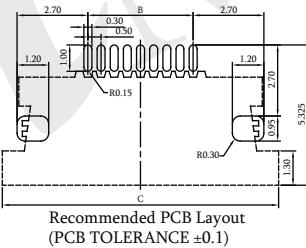
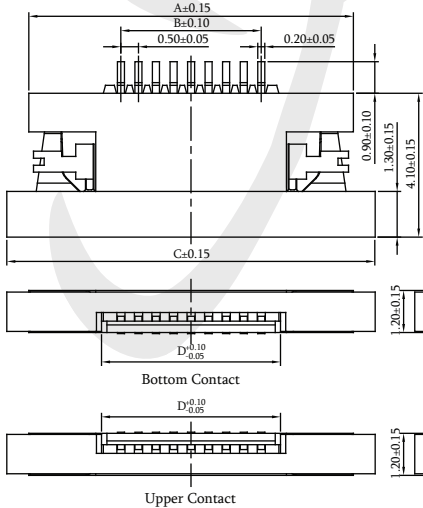
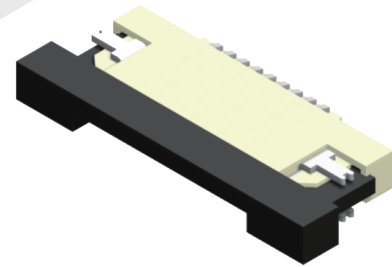
FPC/FFC 0.5mm ZIF Slim SMT Type Side Entry

Specifications

Current Rating: 0.4 AMP
 Insulation Resistance: 50MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 Standard: Nylon 46
 Terminal: Copper Alloy
 Plated: Tin Plated



No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
04	6.75	1.50	8.00	2.60	26	17.75	12.50	19.00	13.60
05	7.25	2.00	8.50	3.10	28	18.75	13.50	20.00	14.60
06	7.75	2.50	9.00	3.60	30	19.75	14.50	21.00	15.60
08	8.75	3.50	10.00	4.60	32	20.75	15.50	22.00	16.60
10	9.75	4.50	11.00	5.60	33	21.25	16.00	22.50	17.10
12	10.75	5.50	12.00	6.60	34	21.75	16.50	23.00	17.60
14	11.75	6.50	13.00	7.60	35	22.25	17.00	23.50	18.10
15	12.25	7.00	13.50	8.10	36	22.75	17.50	24.00	18.60
16	12.75	7.50	14.00	8.60	39	24.25	19.00	25.50	20.10
18	13.75	8.50	15.00	9.60	40	24.75	19.50	26.00	20.60
20	14.75	9.50	16.00	10.60	44	26.75	21.50	28.00	22.60
22	15.75	10.50	17.00	11.60	45	27.25	22.00	28.50	23.10
24	16.75	11.50	18.00	12.60	50	29.75	24.50	31.00	25.60

P/N.: 5FS4AMRXC-XX-01

ORDER INFORMATION

5 F C 4 A M R N C -
5 F S 4 A M R X C - X X X X W U H - 0 1

No. of Contact: X X X X
 White Insulator: W
 H: T/R, W/O Cap: H
 N: Non Type (For 5FC4AMRNC Only)
 B: Bottom Contact
 U: Upper Contact (For 5FS4AMRXC Only)
 G0: Gold Plated (For 5FC4AMRNC Only)
 T0: Tin Plated (For 5FS4AMRXC Only)
 U: RoHS + LCP (For 5FC4AMRNC Only)
 U: RoHS + Nylon 46 (For 5FS4AMRXC Only)

©: Standard Recommend

Old P/N: FPC4AMR1B
 FPC4AMRT1

CONNECTORS MANUFACTURER



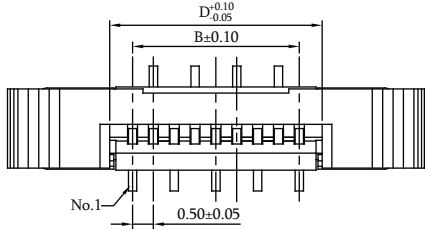
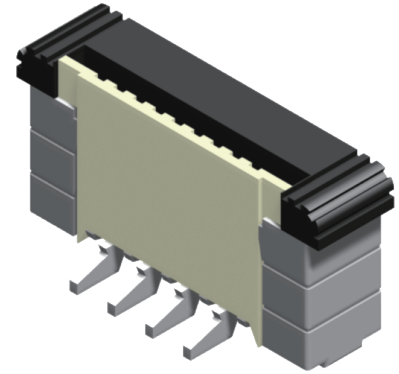
FPC/FFC 0.5mm ZIF SMT Type Top Entry

Specifications

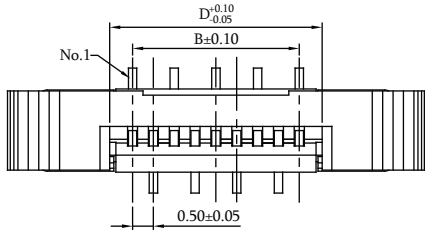
Current Rating: 0.4 AMP
 Insulation Resistance: 50MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

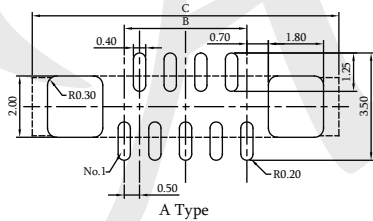
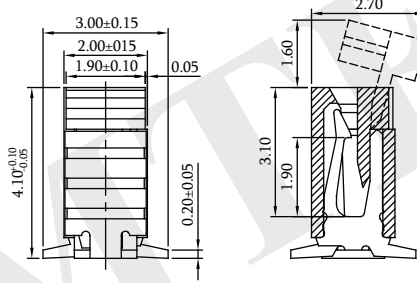
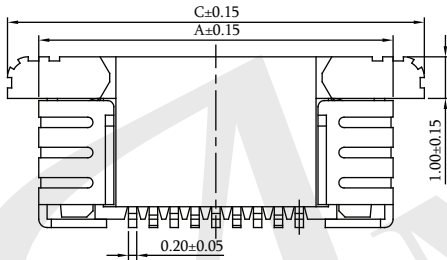
Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 46
 Terminal: Copper Alloy
 Plated: Tin Plated



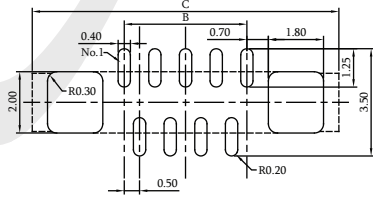
A Type



B Type



A Type

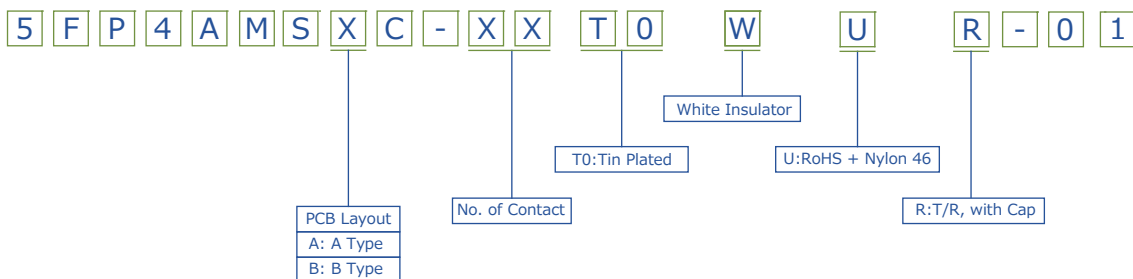


B Type

Recommended PCB Layout
 (PCB TOLERANCE ±0.1)

No. of Contacts	Dimension				No. of Contacts	Dimension			
	A	B	C	D		A	B	C	D
04	6.00	1.50	7.50	2.60	28	18.00	13.50	19.50	14.60
05	6.50	2.00	8.00	3.10	29	18.50	14.00	20.00	15.10
06	7.00	2.50	8.50	3.60	30	19.00	14.50	20.50	15.60
07	7.50	3.00	9.00	4.10	31	19.50	15.00	21.00	16.10
08	8.00	3.50	9.50	4.60	32	20.00	15.50	21.50	16.60
09	8.50	4.00	10.00	5.10	33	20.50	16.00	22.00	17.10
10	9.00	4.50	10.50	5.60	34	21.00	16.50	22.50	17.60
11	9.50	5.00	11.00	6.10	35	21.50	17.00	23.00	18.10
12	10.00	5.50	11.50	6.60	36	22.00	17.50	23.50	18.60
13	10.50	6.00	12.00	7.10	37	22.50	18.00	24.00	19.10
14	11.00	6.50	12.50	7.60	38	23.00	18.50	24.50	19.60
15	11.50	7.00	13.00	8.10	39	23.50	19.00	25.00	20.10
16	12.00	7.50	13.50	8.60	40	24.00	19.50	25.50	20.60
17	12.50	8.00	14.00	9.10	41	24.50	20.00	26.00	21.10
18	13.00	8.50	14.50	9.60	42	25.00	20.50	26.50	21.60
19	13.50	9.00	15.00	10.10	43	25.50	21.00	27.00	22.10
20	14.00	9.50	15.50	10.60	44	26.00	21.50	27.50	22.60
21	14.50	10.00	16.00	11.10	45	26.50	22.00	28.00	23.10
22	15.00	10.50	16.50	11.60	46	27.00	22.50	28.50	23.60
23	15.50	11.00	17.00	12.10	47	27.50	23.00	29.00	24.10
24	16.00	11.50	17.50	12.60	48	28.00	23.50	29.50	24.60
25	16.50	12.00	18.00	13.10	49	28.50	24.00	30.00	25.10
26	17.00	12.50	18.50	13.60	50	29.00	24.50	30.50	25.60
27	17.50	13.00	19.00	14.10					

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☉: Standard Recommend

Old P/N: FPC4AMS1

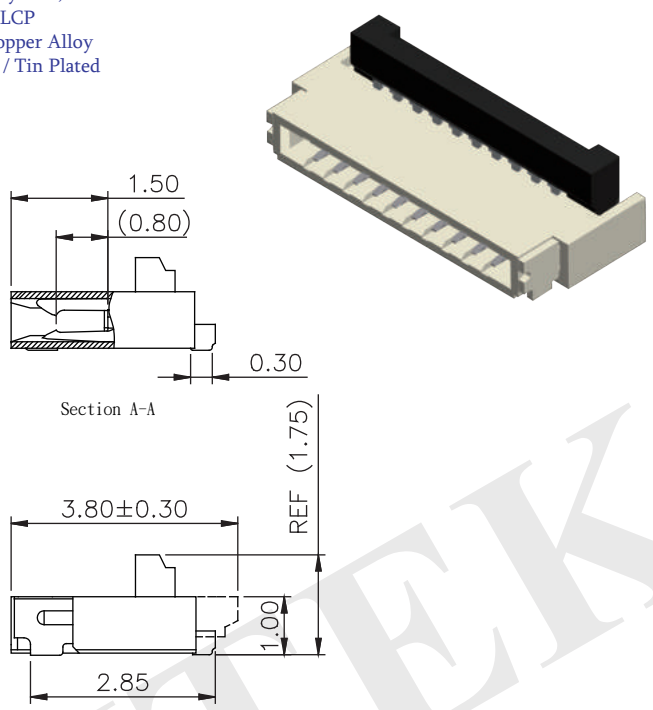
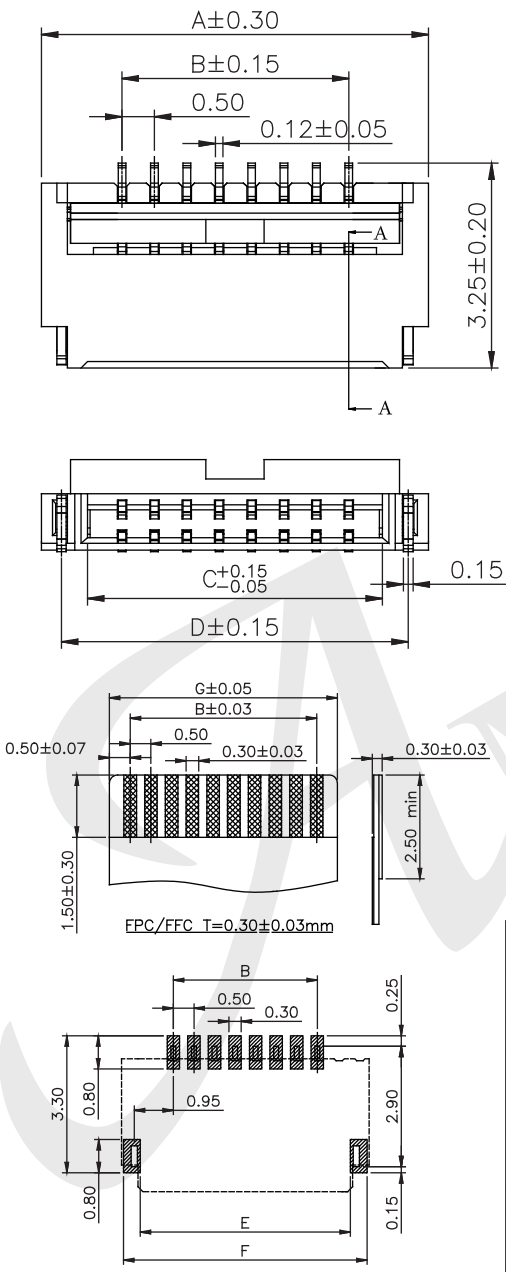
FPC/FFC 0.5mm ZIF SMT Back Flip Type

Specifications

Current Rating:0.2 AMP
 Insulation Resistance:50MΩ Min.
 Contact Resistance:40mΩ Max.
 Dielectric Voltage:250V AC for one minute
 Operation Temperature:-20°C to +85°C

Material

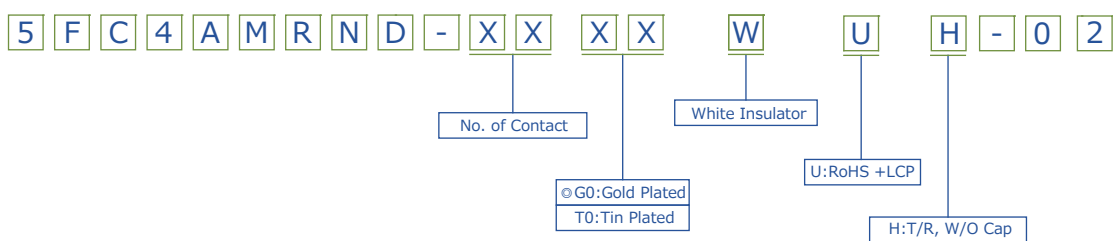
Insulator:Polyester,UL 94V-0
 ©Standard:LCP
 Terminal:Copper Alloy
 Plated:Gold / Tin Plated



No. of Contacts	Dimensions						
	A	B	C	D	E	D	E
4	4.00	1.50	2.57	3.38	3.10	3.90	2.50
6	5.00	2.50	3.57	4.38	4.10	4.90	3.50
13	6.00	3.50	4.57	5.38	5.10	5.90	4.50
15	7.00	4.50	5.57	6.38	6.10	6.90	5.50
17	8.00	5.50	6.57	7.38	7.10	7.90	6.50
19	9.00	6.50	7.57	8.38	8.10	8.90	7.50
21	10.00	7.50	8.57	9.38	9.10	9.90	8.50
23	11.00	8.50	9.57	10.38	10.10	10.90	9.50
25	12.00	9.50	10.57	11.38	11.10	11.90	10.50
27	14.00	10.50	12.57	13.38	13.10	13.90	12.50
29	15.00	11.50	13.57	14.38	14.10	14.90	13.50
31	19.00	16.50	17.57	18.38	18.10	18.90	17.50
33	22.00	19.50	20.57	21.38	21.10	21.90	20.50

Recommended PCB Layout (PCB TOLERANCE ±0.1)

ORDER INFORMATION



©:Standard Recommend



CONNECTORS MANUFACTURER

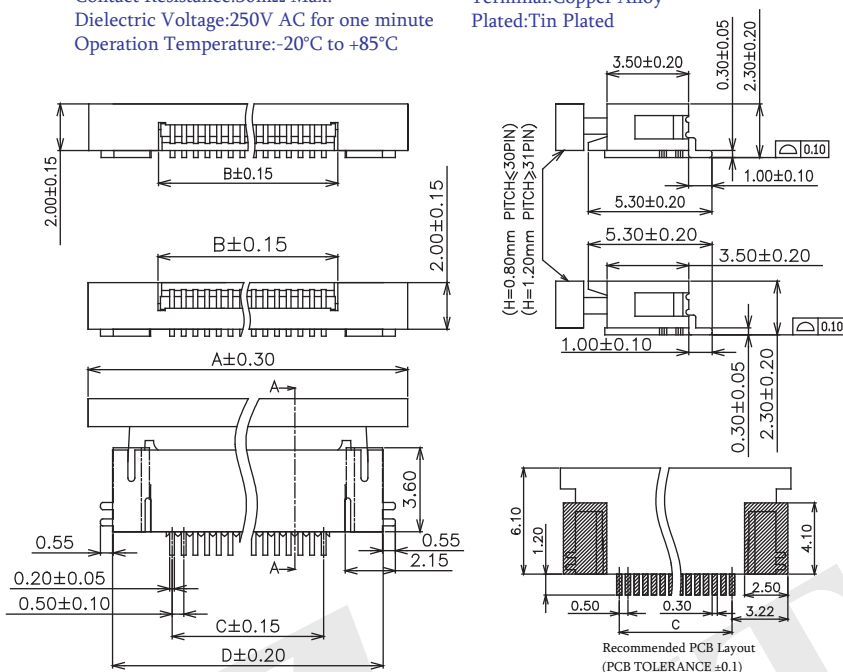
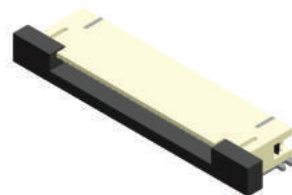
FPC/FFC 0.5mm ZIF SMT Type Side Entry

Specifications

Current Rating: 0.5 AMP
 Insulation Resistance: 100MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -20°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 Standard: Nylon 6T
 Terminal: Copper Alloy
 Plated: Tin Plated



No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
4	8.70	2.70	1.50	6.60	32	22.70	16.70	15.50	20.60
5	9.20	3.20	2.00	7.10	33	23.20	17.20	16.00	21.10
6	9.70	3.70	2.50	7.60	34	23.70	17.70	16.50	21.60
8	10.70	4.70	3.50	8.60	35	24.20	18.20	17.00	22.10
9	11.20	5.20	4.00	9.10	36	24.70	18.70	17.50	22.60
10	11.70	5.70	4.50	9.60	37	25.20	19.20	18.00	23.10
11	12.20	6.20	5.00	10.10	38	25.70	19.70	18.50	23.60
12	12.70	6.70	5.50	10.60	39	26.20	20.20	19.00	24.10
13	13.20	7.20	6.00	11.10	40	26.70	20.70	19.50	24.60
14	13.70	7.70	6.50	11.60	41	27.20	21.20	20.00	25.10
15	14.20	8.20	7.00	12.10	42	27.70	21.70	20.50	25.60
16	14.70	8.70	7.50	12.60	43	28.20	22.20	21.00	26.10
17	15.20	9.20	8.00	13.10	44	28.70	22.70	21.50	26.60
18	15.70	9.70	8.50	13.60	45	29.20	23.20	22.00	27.10
19	16.20	10.20	9.00	14.10	46	29.70	23.70	22.50	27.60
20	16.70	10.70	9.50	14.60	48	30.70	24.70	23.50	28.60
21	17.20	11.20	10.00	15.10	50	31.70	25.70	24.50	29.60
22	17.70	11.70	10.50	15.60	51	32.20	26.20	25.00	30.10
23	18.20	12.20	11.00	16.10	53	33.20	27.20	26.00	31.10
24	18.70	12.70	11.50	16.60	54	33.70	27.70	26.50	31.60
25	19.20	13.20	12.00	17.10	55	34.20	28.20	27.00	32.10
26	19.70	13.70	12.50	17.60	56	34.70	28.70	27.50	32.60
27	20.20	14.20	13.00	18.10	57	35.20	29.20	28.00	33.10
28	20.70	14.70	13.50	18.60	59	36.20	30.20	29.00	34.10
29	21.20	15.20	14.00	19.10	60	36.70	30.70	29.50	34.60
30	21.70	15.70	14.50	19.60	61	37.20	31.20	30.00	35.10
31	22.20	16.20	15.00	20.10					

P/N.: 5FP4AMRUD-XX-01
 P/N.: 5FP4AMRBD-XX-01

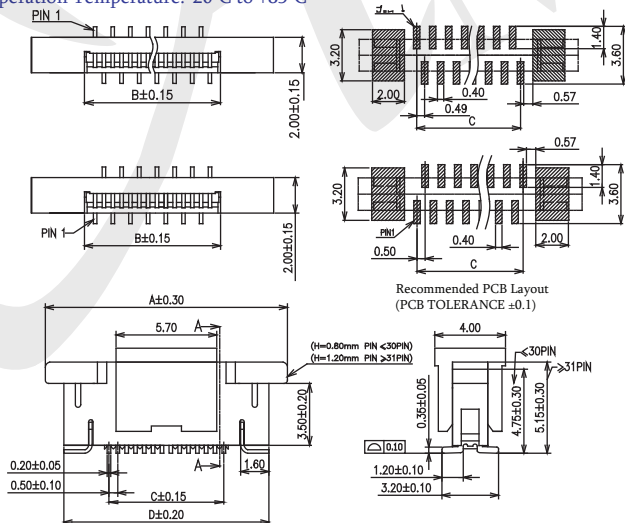
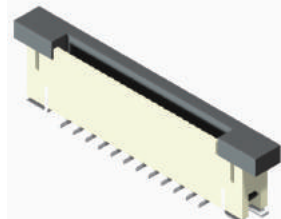
FPC/FFC 0.5mm ZIF SMT Type Top Entry

Specifications

Current Rating: 0.5 AMP
 Insulation Resistance: 100MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -20°C to +85°C

Material

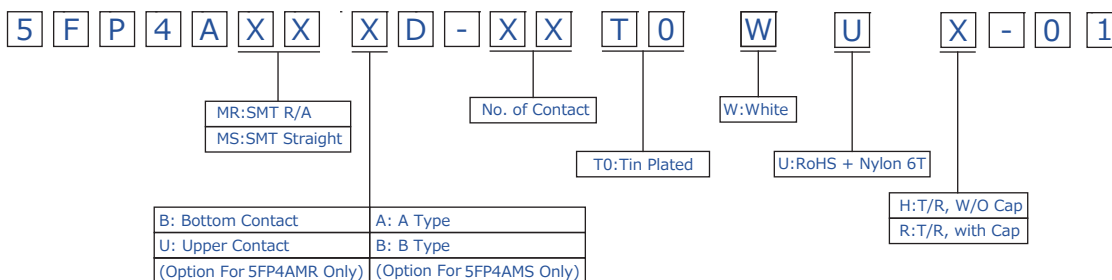
Insulator: Polyester, UL 94V-0
 Standard: Nylon 6T
 Terminal: Copper Alloy
 Plated: Tin Plated



No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
4	8.70	2.70	1.50	6.60	32	22.70	16.70	15.50	20.60
5	9.20	3.20	2.00	7.10	33	23.20	17.20	16.00	21.10
6	9.70	3.70	2.50	7.60	34	23.70	17.70	16.50	21.60
8	10.70	4.70	3.50	8.60	35	24.20	18.20	17.00	22.10
9	11.20	5.20	4.00	9.10	36	24.70	18.70	17.50	22.60
10	11.70	5.70	4.50	9.60	37	25.20	19.20	18.00	23.10
11	12.20	6.20	5.00	10.10	38	25.70	19.70	18.50	23.60
12	12.70	6.70	5.50	10.60	39	26.20	20.20	19.00	24.10
13	13.20	7.20	6.00	11.10	40	26.70	20.70	19.50	24.60
14	13.70	7.70	6.50	11.60	41	27.20	21.20	20.00	25.10
15	14.20	8.20	7.00	12.10	42	27.70	21.70	20.50	25.60
16	14.70	8.70	7.50	12.60	43	28.20	22.20	21.00	26.10
17	15.20	9.20	8.00	13.10	44	28.70	22.70	21.50	26.60
18	15.70	9.70	8.50	13.60	45	29.20	23.20	22.00	27.10
19	16.20	10.20	9.00	14.10	46	29.70	23.70	22.50	27.60
20	16.70	10.70	9.50	14.60	48	30.70	24.70	23.50	28.60
21	17.20	11.20	10.00	15.10	50	31.70	25.70	24.50	29.60
22	17.70	11.70	10.50	15.60	51	32.20	26.20	25.00	30.10
23	18.20	12.20	11.00	16.10	53	33.20	27.20	26.00	31.10
24	18.70	12.70	11.50	16.60	54	33.70	27.70	26.50	31.60
25	19.20	13.20	12.00	17.10	55	34.20	28.20	27.00	32.10
26	19.70	13.70	12.50	17.60	56	34.70	28.70	27.50	32.60
27	20.20	14.20	13.00	18.10	57	35.20	29.20	28.00	33.10
28	20.70	14.70	13.50	18.60	59	36.20	30.20	29.00	34.10
29	21.20	15.20	14.00	19.10	60	36.70	30.70	29.50	34.60
30	21.70	15.70	14.50	19.60	61	37.20	31.20	30.00	35.10
31	22.20	16.20	15.00	20.10					

P/N.: 5FP4AMSAD-XX-01
 P/N.: 5FP4AMSD-XX-01

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© Standard Recommend

Old P/N: FPC4AMR6
 FPC4AMS6

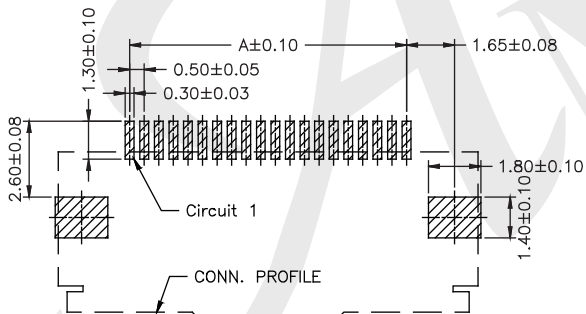
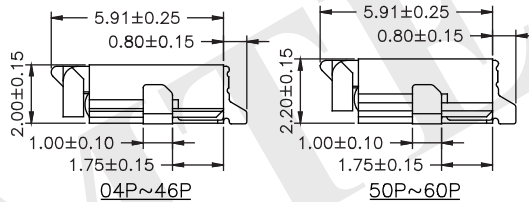
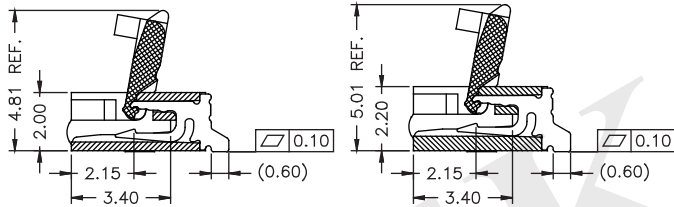
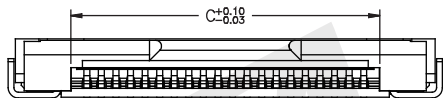
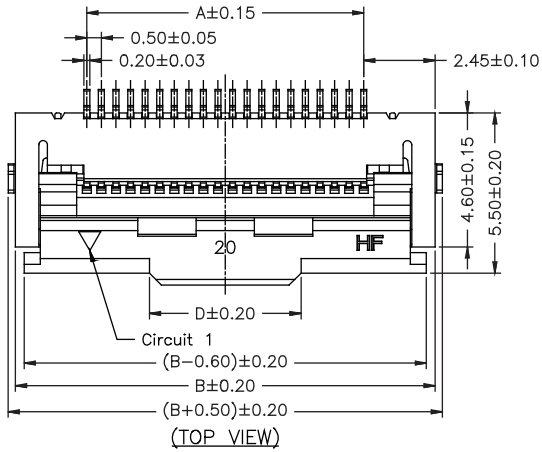
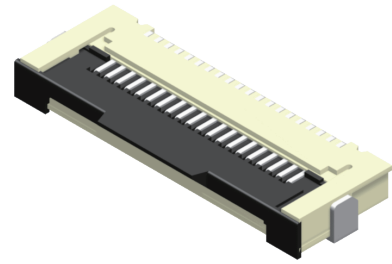
FPC/FFC 0.5mm ZIF SMT Type Side Entry

Specifications

Current Rating: 0.5 AMP
 Insulation Resistance: 100MΩ Min.
 Contact Resistance: 20mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -25°C to +85°C

Material

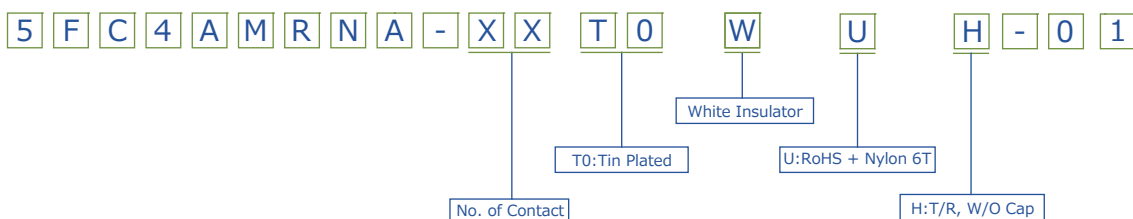
Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 6T
 Terminal: Copper Alloy
 Plated: Tin Plated



Recommended PCB Layout
 (PCB TOLERANCE ±0.1)

No. of Contacts	Dimensions					No. of Contacts	Dimensions				
	A	B	C	D			A	B	C		
04	1.50	6.40	2.60	2.20	2.70	27	13.00	17.90	14.10	7.00	
06	2.50	7.40	3.60			28	13.50	18.40	14.60		
07	3.00	7.90	4.10		4.70	29	14.00	18.90	15.10	7.50	
08	3.50	8.40	4.60			30	14.50	19.40	15.60		
09	4.00	8.90	5.10		5.20	31	15.00	19.90	16.10	8.00	
10	4.50	9.40	5.60			32	15.50	20.40	16.60		
11	5.00	9.90	6.10		5.20	33	16.00	20.90	17.10	8.50	
12	5.50	10.40	6.60			34	16.50	21.40	17.60		
13	6.00	10.90	7.10		5.20	35	17.00	21.90	18.10	9.00	
14	6.50	11.40	7.60			36	17.50	22.40	18.60		
15	7.00	11.90	8.10		5.20	37	18.00	22.90	19.10	9.50	
16	7.50	12.40	8.60			38	18.50	23.40	19.60		
17	8.00	12.90	9.10		4.70	39	19.00	23.90	20.10	10.50	
18	8.50	13.40	9.60			40	19.50	24.40	20.60		
19	9.00	13.90	10.10		5.20	42	20.50	25.40	21.60	14.50	
20	9.50	14.40	10.60			45	22.00	26.90	23.10		
21	10.00	14.90	11.10		4.70	46	22.50	27.40	23.60	6.50	
22	10.50	15.40	11.60			50	24.50	29.40	25.60		
23	11.00	15.90	12.10		6.00	54	26.50	31.40	27.60	8.00	
24	11.50	16.40	12.60			55	27.00	31.90	28.10		
25	12.00	16.90	13.10		6.50	60	29.50	34.40	30.60	8.00	
26	12.50	17.40	13.60								

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CONNECTORS MANUFACTURER



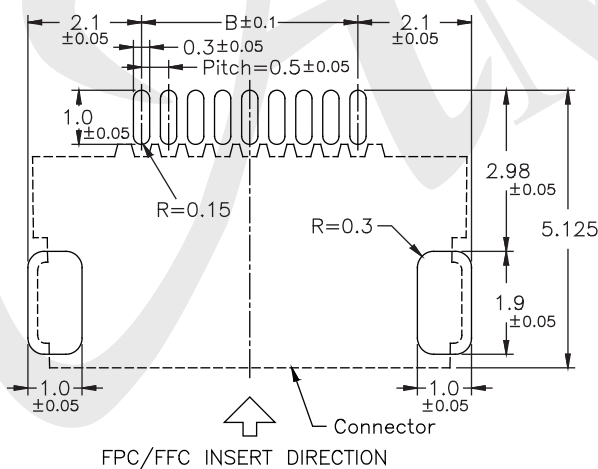
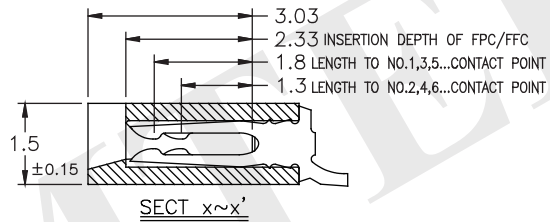
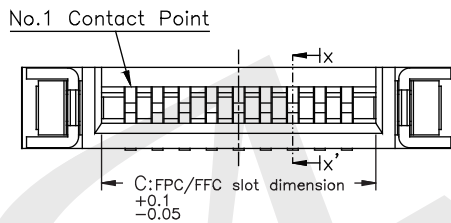
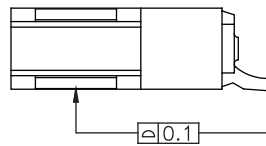
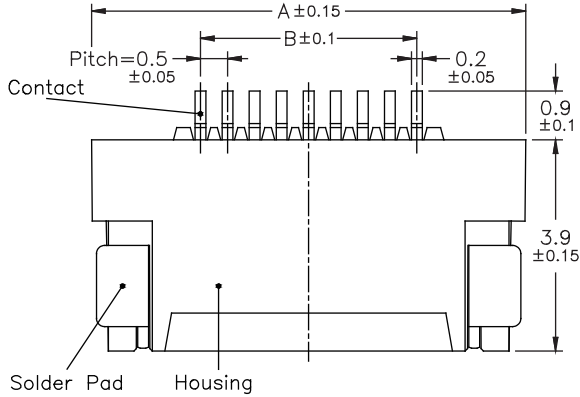
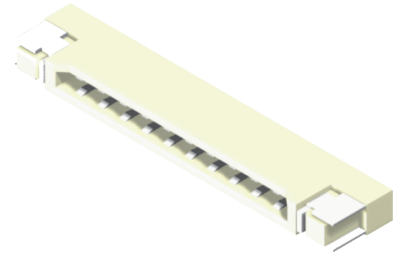
FPC/FFC 0.5mm Non ZIF SMT Type Side Entry

Specifications

Current Rating: 0.4 AMP
 Insulation Resistance: 50MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

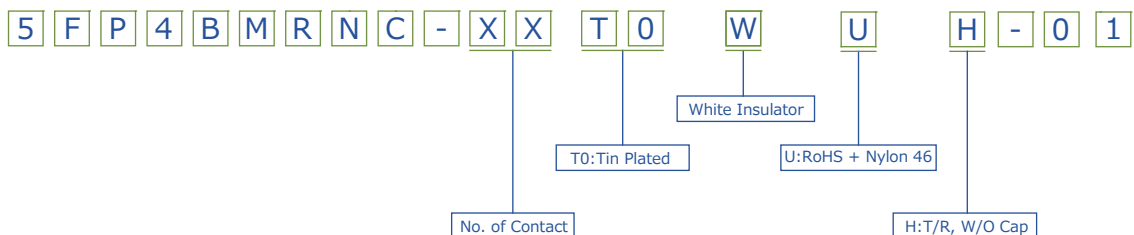
Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 46
 Terminal: Copper Alloy
 Plated: Tin Plated



No. of Contacts	Dimensions		
	A	B	C
4	5.53	1.5	2.57
6	6.53	2.5	3.57
8	7.53	3.5	4.57
10	8.53	4.5	5.57
12	9.53	5.5	6.57
14	10.53	6.5	7.57
16	11.53	7.5	8.57
18	12.53	8.5	9.57
20	13.53	9.5	10.57
24	15.53	11.5	12.57
26	16.53	12.5	13.57
30	18.53	14.5	15.57
40	23.53	19.5	20.57
50	28.53	24.5	25.57
54	30.53	26.5	27.57
60	33.53	29.5	30.57

Recommended PCB Layout
 (PCB TOLERANCE ±0.1)

ORDER INFORMATION



Standard Recommend

Old P/N: FPC4BMR1A

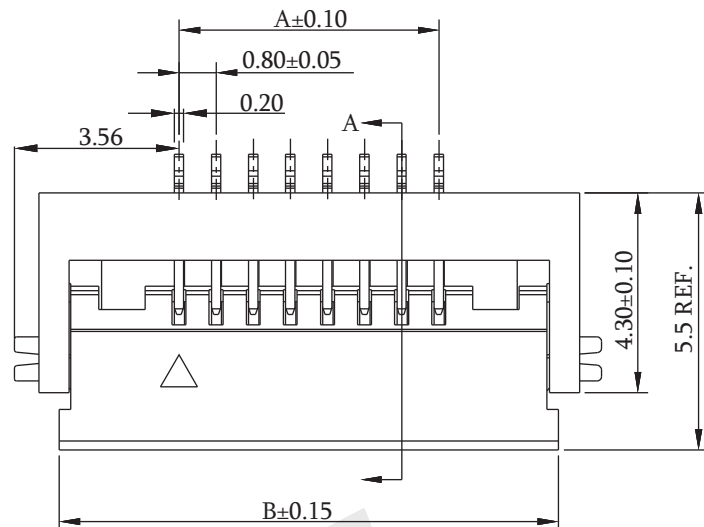
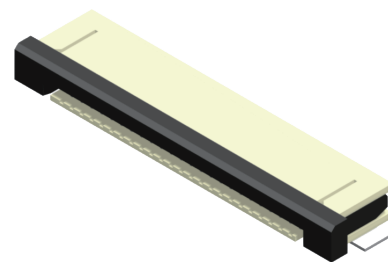
FPC/FFC 0.8mm ZIF SMT Type Side Entry

Specifications

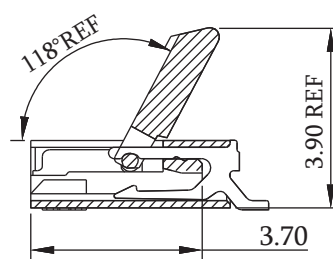
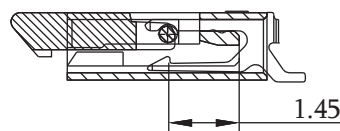
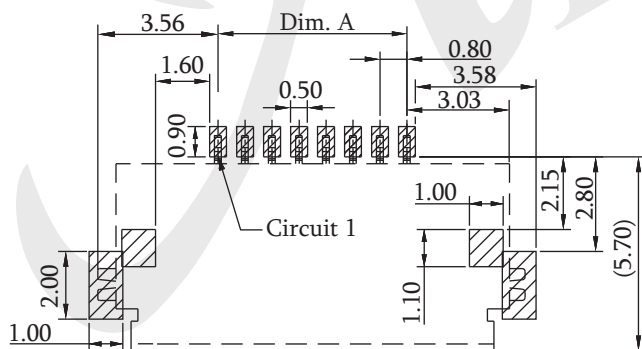
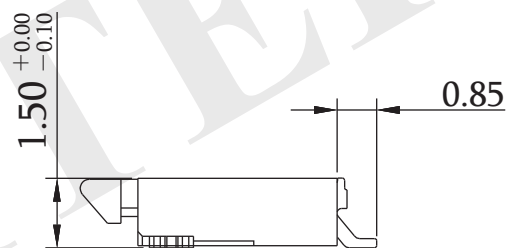
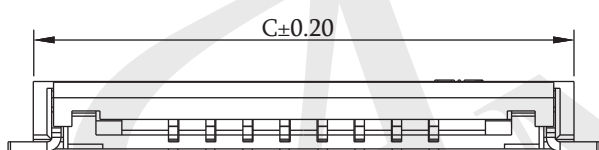
Current Rating: 0.5 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 500V AC for one minute
 Operation Temperature: -25°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 ©Standard: LCP
 Terminal: Copper Alloy
 Plated: Tin Plated



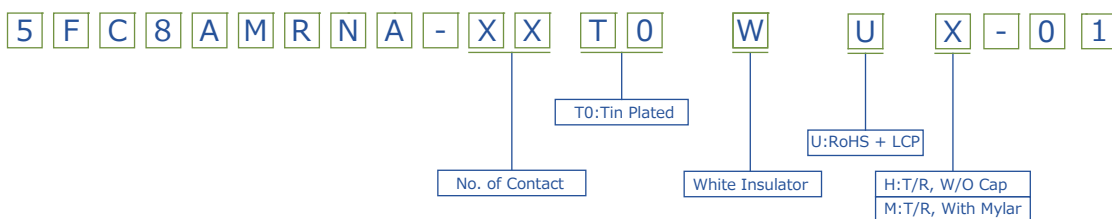
No. of Contacts	Dimensions		
	A	B	C
24	18.40	23.56	24.46
26	20.00	25.16	26.06
30	23.20	28.36	29.26
32	24.80	29.96	30.86



Recommended PCB Layout
 (PCB TOLERANCE ±0.1)

SECTION A-A

ORDER INFORMATION



CONNECTORS MANUFACTURER



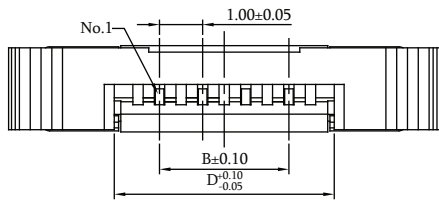
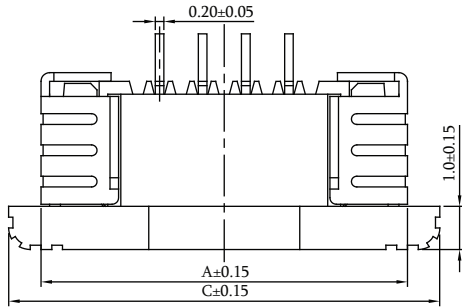
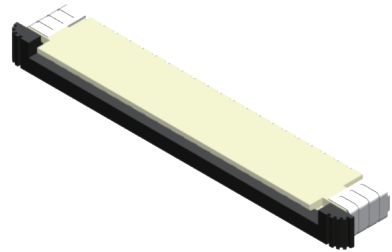
FPC/FFC 1.0mm ZIF SMT Type Side Entry

Specifications

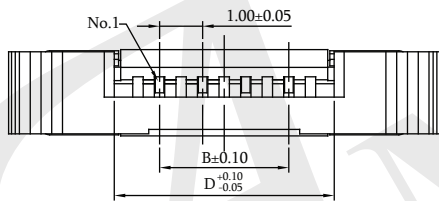
Current Rating: 0.5 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 500V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

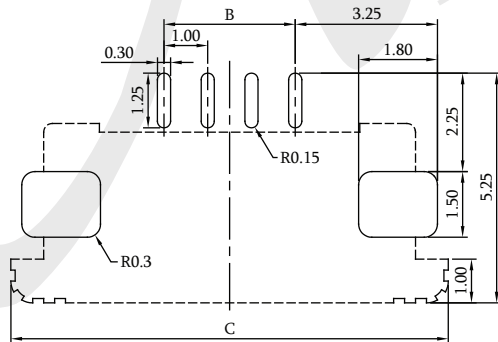
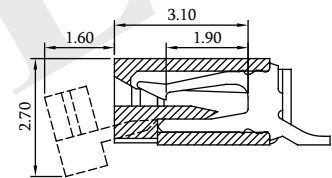
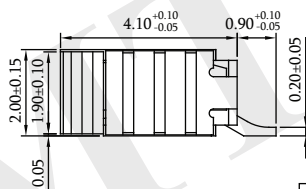
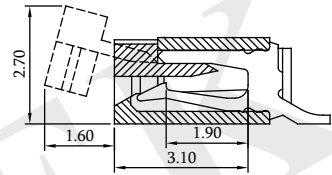
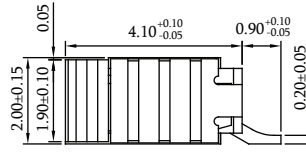
Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 46
 Terminal: Copper Alloy
 Plated: Tin Plated



Bottom Contact



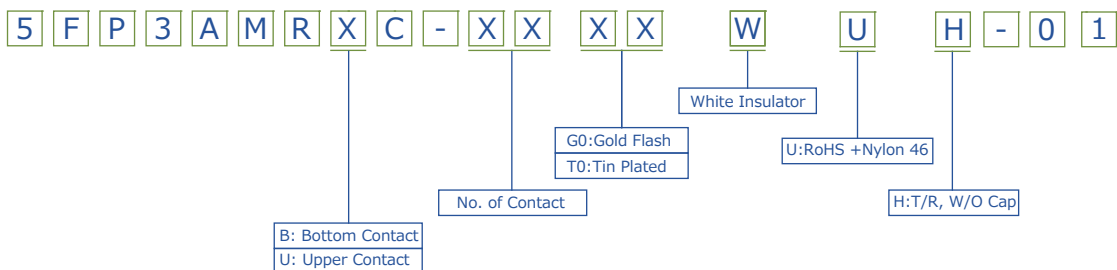
Upper Contact



Recommended PCB Layout
 (PCB TOLERANCE ±0.1)

No. of Contacts	Dimension			
	A	B	C	D
4	8.50	3.00	10.00	5.10
5	9.50	4.00	11.00	6.10
6	10.50	5.00	12.00	7.10
7	11.50	6.00	13.00	8.10
8	12.50	7.00	14.00	9.10
9	13.50	8.00	15.00	10.10
10	14.50	9.00	16.00	11.10
11	15.50	10.00	17.00	12.10
12	16.50	11.00	18.00	13.10
13	17.50	12.00	19.00	14.10
14	18.50	13.00	20.00	15.10
15	19.50	14.00	21.00	16.10
16	20.50	15.00	22.00	17.10
17	21.50	16.00	23.00	18.10
18	22.50	17.00	24.00	19.10
19	23.50	18.00	25.00	20.10
20	24.50	19.00	26.00	21.10
21	25.50	20.00	27.00	22.10
22	26.50	21.00	28.00	23.10
23	27.50	22.00	29.00	24.10
24	28.50	23.00	30.00	25.10

ORDER INFORMATION



◎: Standard Recommend

Old P/N: FPC3AMR1

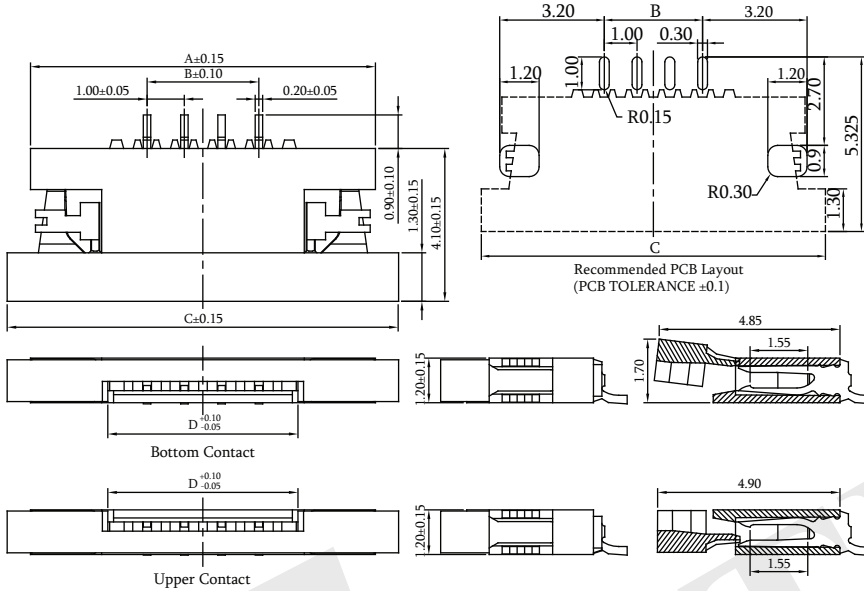
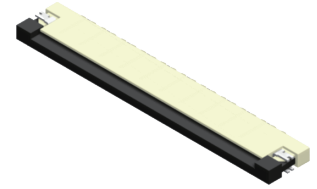
FPC/FFC 1.0mm ZIF Slim SMT Type Side Entry

Specifications

Current Rating: 0.5 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 500V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 Standard: Nylon 46
 Terminal: Copper Alloy
 Plated: Tin Plated



No. of Contacts	Dimensions			
	A	B	C	D
04	9.25	3.00	10.50	5.10
05	10.25	4.00	11.50	6.10
06	11.25	5.00	12.50	7.10
07	12.25	6.00	13.50	8.10
08	13.25	7.00	14.50	9.10
10	15.25	9.00	16.50	11.10
12	17.25	11.00	18.50	13.10
14	19.25	13.00	20.50	15.10
16	21.25	15.00	22.50	17.10
18	23.25	17.00	24.50	19.10
20	25.25	19.00	26.50	21.10
24	29.25	23.00	30.50	25.10

P/N.: 5FS3AMRBC-XX-01
 P/N.: 5FS3AMRUC-XX-01

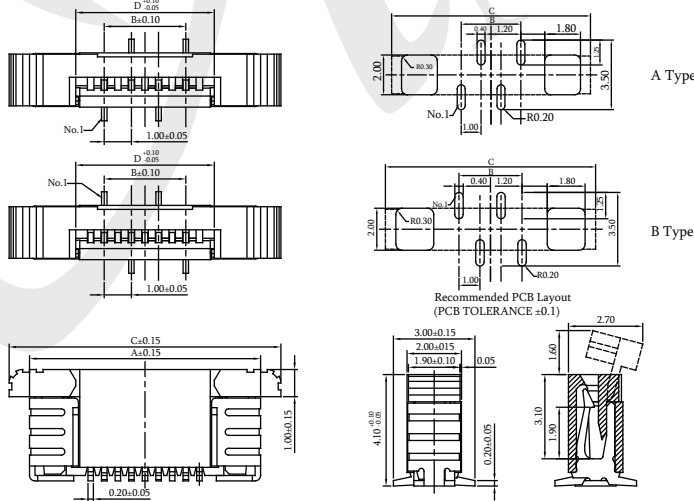
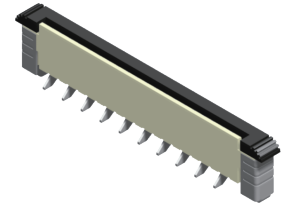
FPC/FFC 1.0mm ZIF SMT Type Top Entry

Specifications

Current Rating: 0.5 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 500V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 Standard: Nylon 46
 Terminal: Copper Alloy
 Plated: Tin Plated



No. of Contacts	Dimensions			
	A	B	C	D
04	8.50	3.00	10.00	5.10
05	9.50	4.00	11.00	6.10
06	10.50	5.00	12.00	7.10
07	11.50	6.00	13.00	8.10
08	12.50	7.00	14.00	9.10
09	13.50	8.00	15.00	10.10
10	14.50	9.00	16.00	11.10
11	15.50	10.00	17.00	12.10
12	16.50	11.00	18.00	13.10
13	17.50	12.00	19.00	14.10
14	18.50	13.00	20.00	15.10
15	19.50	14.00	21.00	16.10
16	20.50	15.00	22.00	17.10
17	21.50	16.00	23.00	18.10
18	22.50	17.00	24.00	19.10
19	23.50	18.00	25.00	20.10
20	24.50	19.00	26.00	21.10
21	25.50	20.00	27.00	22.10
22	26.50	21.00	28.00	23.10
23	27.50	22.00	29.00	24.10
24	28.50	23.00	30.00	25.10

P/N.: 5FP3AMSAC-XX-01
 P/N.: 5FP3AMSBC-XX-01

ORDER INFORMATION

5	F	S	3	A	M	R	X	C	-							X	-	0	1
5	F	P	3	A	M	S	X	C	-	X	X	T	O	W	U				
MR: SMT R/A MS: SMT Straight						No. of Contact			White Insulator			U: RoHS + Nylon 46			H: T/R, W/O Cap R: T/R With Cap (5FP3AMS Only)				
B: Bottom Contact U: Upper Contact (Option For 5FS3AMR Only)						A: A Type B: B Type (Option For 5FP3AMS Only)			G0: Gold Flash T0: Tin Plated			U: RoHS + Nylon 46							

©: Standard Recommend

Old P/N: FPC3AMRT1
 FPC3AMS1

CONNECTORS MANUFACTURER



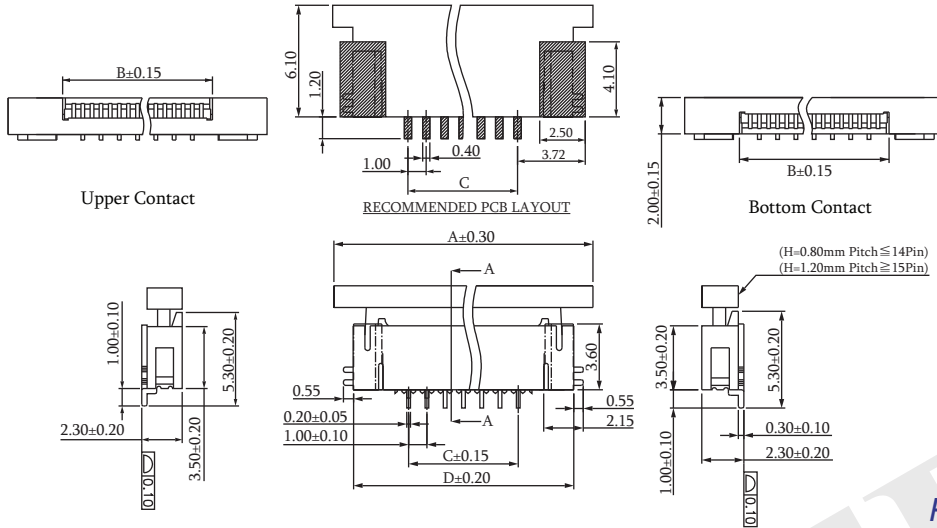
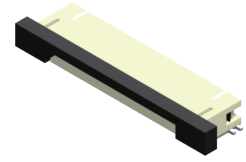
FPC/FFC 1.0mm ZIF SMT Type Side Entry

Specifications

Current Rating:0.5 AMP
 Insulation Resistance:100MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:250V AC for one minute
 Operation Temperature:-20°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plated:Tin Plated



No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
02	9.20	3.20	1.00	7.10
04	11.20	5.20	3.00	9.10
05	12.20	6.20	4.00	10.10
06	13.20	7.20	5.00	11.10
07	14.20	8.20	6.00	12.10
08	15.20	9.20	7.00	13.10
09	16.20	10.20	8.00	14.10
10	17.20	11.20	9.00	15.10
11	18.20	12.20	10.00	16.10
12	19.20	13.20	11.00	17.10
13	20.20	14.20	12.00	18.10
14	21.20	15.20	13.00	19.10
15	22.20	16.20	14.00	20.10
16	23.20	17.20	15.00	21.10
17	24.20	18.20	16.00	22.10
18	25.20	19.20	17.00	23.10
19	26.20	20.20	18.00	24.10
20	27.20	21.20	19.00	25.10
21	28.20	22.20	20.00	26.10
22	29.20	23.20	21.00	27.10
24	31.20	25.20	23.00	29.10
25	32.20	26.20	24.00	30.10
26	33.20	27.20	25.00	31.10
27	34.20	28.20	26.00	32.10
28	35.20	29.20	27.00	33.10
29	36.20	30.20	28.00	34.10
30	37.20	31.20	29.00	35.10

P/N.:5FP3AMRUD-XX-01
 P/N.:5FP3AMRBD-XX-01

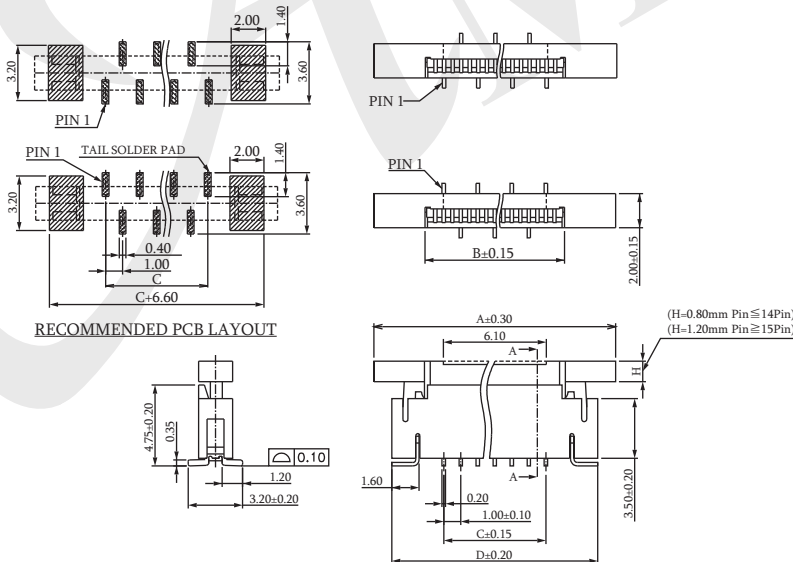
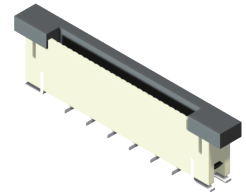
FPC/FFC 1.0mm ZIF SMT Type Top Entry

Specifications

Current Rating:0.5 AMP
 Insulation Resistance:100MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:250V AC for one minute
 Operation Temperature:-20°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plated:Tin Plated



No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
02	9.20	3.20	1.00	7.10
04	11.20	5.20	3.00	9.10
05	12.20	6.20	4.00	10.10
06	13.20	7.20	5.00	11.10
07	14.20	8.20	6.00	12.10
08	15.20	9.20	7.00	13.10
09	16.20	10.20	8.00	14.10
10	17.20	11.20	9.00	15.10
11	18.20	12.20	10.00	16.10
12	19.20	13.20	11.00	17.10
13	20.20	14.20	12.00	18.10
14	21.20	15.20	13.00	19.10
15	22.20	16.20	14.00	20.10
16	23.20	17.20	15.00	21.10
17	24.20	18.20	16.00	22.10
18	25.20	19.20	17.00	23.10
19	26.20	20.20	18.00	24.10
20	27.20	21.20	19.00	25.10
21	28.20	22.20	20.00	26.10
22	29.20	23.20	21.00	27.10
24	31.20	25.20	23.00	29.10
25	32.20	26.20	24.00	30.10
26	33.20	27.20	25.00	31.10
27	34.20	28.20	26.00	32.10
28	35.20	29.20	27.00	33.10
29	36.20	30.20	28.00	34.10
30	37.20	31.20	29.00	35.10

P/N.:5FP3AMSAD-XX-01
 P/N.:5FP3AMSD-XX-01

ORDER INFORMATION

5 F P 3 A X X X D - X X T O W U X - 0 1

MR:SMT R/A MS:SMT Straight	No. of Contact	White Insulator	T0: Tin Plated	U: RoHS +Nylon 6T	H:T/R, W/O Cap R:T/R, with Cap
B: Bottom Contact U: Upper Contact (Option For 5FP3AMR Only)	A: A Type B: B Type (Option For 5FP3AMS Only)				

©:Standard Recommend

Old P/N:FPC3AMR6
FPC3AMS6

FPC/FFC Conn.

Pb ROHS

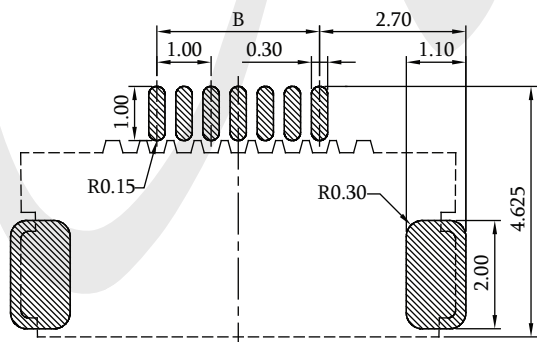
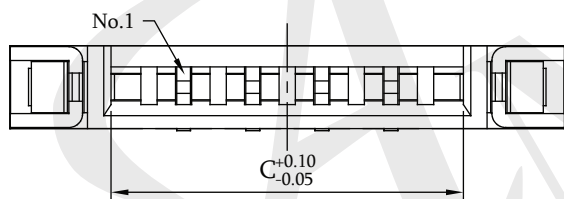
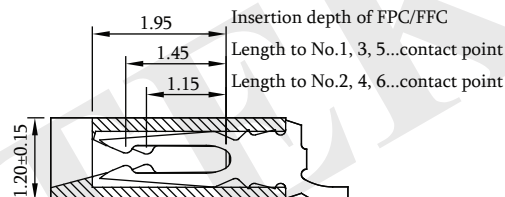
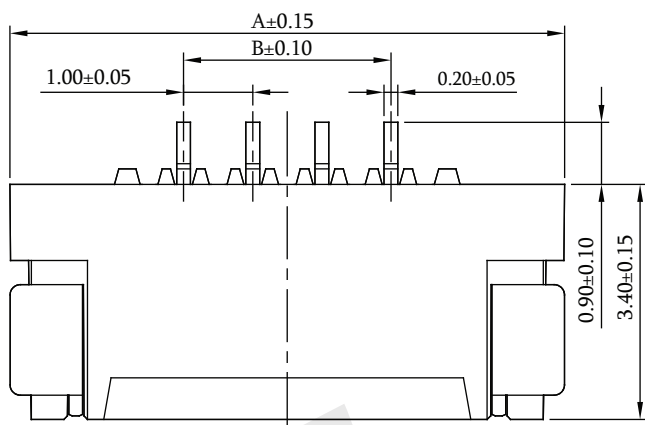
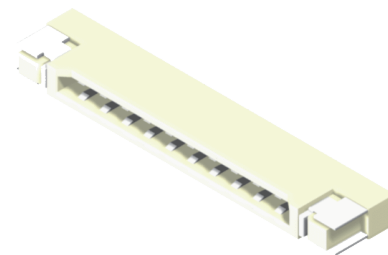
FPC/FFC 1.0mm Non ZIF SMT Type Side Entry

Specifications

Current Rating:0.5 AMP
 Insulation Resistance:500MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-55°C to +85°C

Material

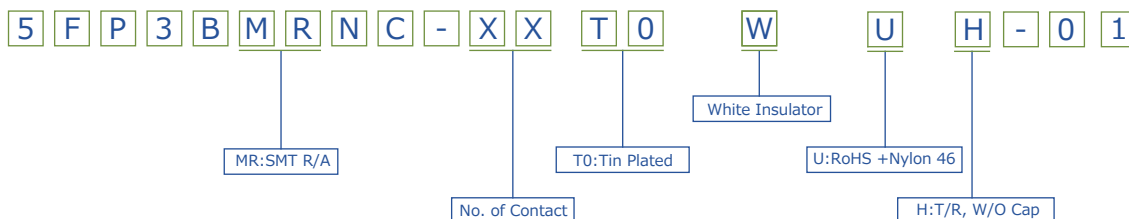
Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 46
 Terminal:Copper Alloy
 Plated:Tin Plated



Recommended PCB Layout
 (PCB TOLERANCE ±0.1)

No. of Contacts	Dimensions		
	A	B	C
04	8.03	4.00	5.10
06	10.03	6.00	7.10
08	12.03	8.00	9.10
15	19.03	15.00	16.10

ORDER INFORMATION



CONNECTORS MANUFACTURER



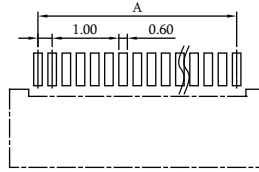
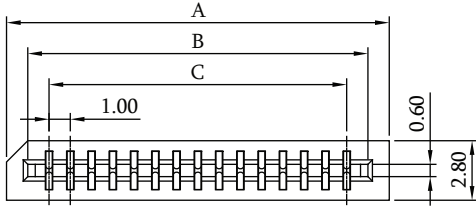
FPC/FFC 1.0mm Non ZIF SMT Type Side Entry

Specifications

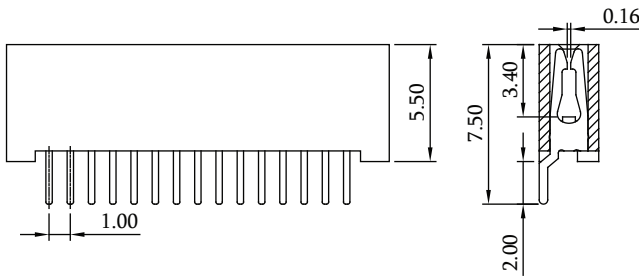
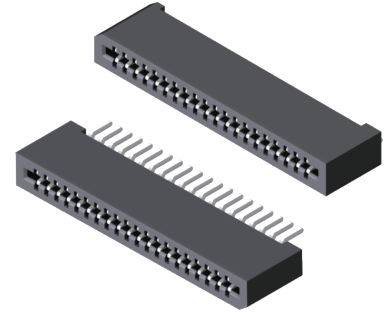
Current Rating:1 AMP
 Insulation Resistance:500MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-25°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plated:Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.1)



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
03	6.00	4.10	2.00	18	21.00	19.10	17.00
04	7.00	5.10	3.00	19	22.00	20.10	18.00
05	8.00	6.10	4.00	20	23.00	21.10	19.00
06	9.00	7.10	5.00	21	24.00	22.10	20.00
07	10.00	8.10	6.00	22	25.00	23.10	21.00
08	11.00	8.10	7.00	23	26.00	24.10	22.00
09	12.00	10.10	8.00	24	27.00	25.10	23.00
10	13.00	11.10	9.00	25	28.00	26.10	24.00
11	14.00	12.10	10.00	26	29.00	27.10	25.00
12	15.00	13.10	11.00	27	30.00	28.10	26.00
13	16.00	14.10	12.00	28	31.00	29.10	27.00
14	17.00	15.10	13.00	29	32.00	30.10	28.00
15	18.00	16.10	14.00	30	33.00	31.10	29.00
16	19.00	17.10	15.00	32	35.00	33.10	31.00
17	20.00	18.10	16.00	33	36.00	34.10	32.00

P/N.:5FP3BMRND-XX-01

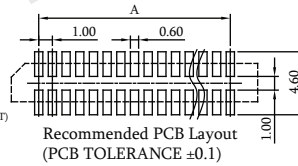
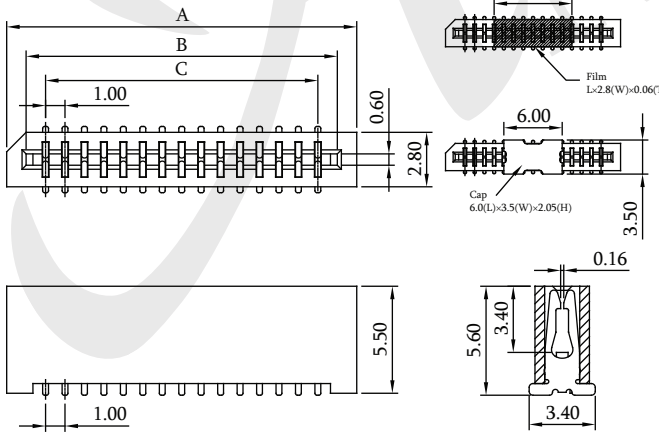
FPC/FFC 1.0mm Non ZIF SMT Type Top Entry

Specifications

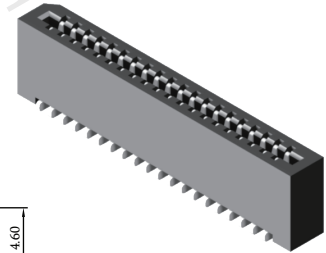
Current Rating:0.5 AMP
 Insulation Resistance:1000MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-55°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plated:Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.1)



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
03	6.00	4.10	2.00	18	21.00	19.10	17.00
04	7.00	5.10	3.00	19	22.00	20.10	18.00
05	8.00	6.10	4.00	20	23.00	21.10	19.00
06	9.00	7.10	5.00	21	24.00	22.10	20.00
07	10.00	8.10	6.00	22	25.00	23.10	21.00
08	11.00	8.10	7.00	23	26.00	24.10	22.00
09	12.00	10.10	8.00	24	27.00	25.10	23.00
10	13.00	11.10	9.00	25	28.00	26.10	24.00
11	14.00	12.10	10.00	26	29.00	27.10	25.00
12	15.00	13.10	11.00	27	30.00	28.10	26.00
13	16.00	14.10	12.00	28	31.00	29.10	27.00
14	17.00	15.10	13.00	29	32.00	30.10	28.00
15	18.00	16.10	14.00	30	33.00	31.10	29.00
16	19.00	17.10	15.00	31	34.00	32.10	30.00
17	20.00	18.10	16.00	32	35.00	33.10	31.00

P/N.:5FP3BMSMD-XX-01

ORDER INFORMATION

5 F P 3 B M R N D
 5 F P 3 B M S M D - X X T O

MR: SMT R/A
 MS: SMT Straight

No. of Contact

T0: Tin Plated

Black Insulator

U: RoHS +Nylon 6T

(For 5FP3BMR Only)

⊙T: Tube, W/O Cap

H:T/R, W/O Cap

(For 5FP3BMS Only)

⊙T: Tube, W/O Cap

C: Tube, With Cap

H:T/R, W/O Cap

R: Tape & Reel, With Cap

M: Tape & Reel, With Film

F: Tube, With Film

⊙: Standard Recommend

Old P/N: FPC3BMR6
 FPC3BMS6

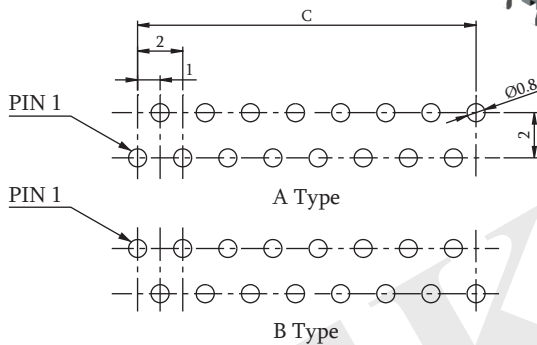
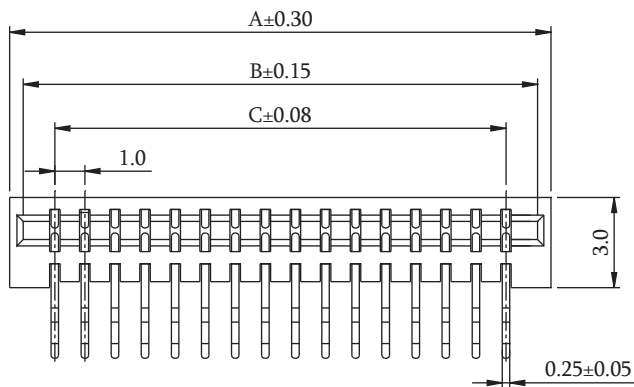
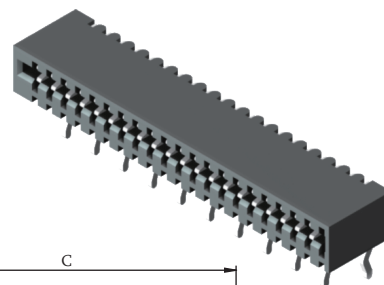
FPC/FFC 1.0mm Non ZIF Dip Type Side Entry

Specifications

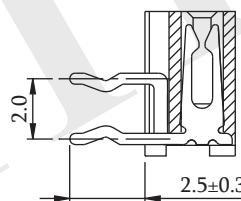
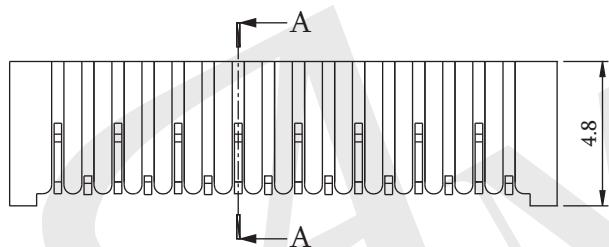
Current Rating: 1 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 500V AC for one minute
 Operation Temperature: -25°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 6T
 Terminal: Copper Alloy
 Plated: Tin Plated



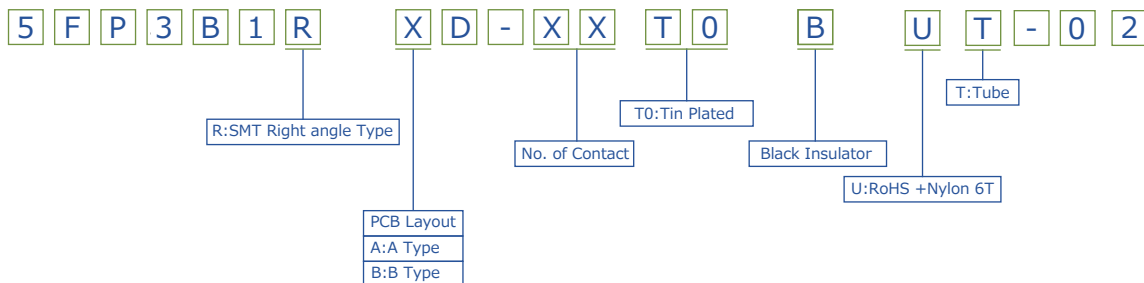
Recommended PCB Layout
(PCB TOLERANCE ±0.1)



SECTION A-A

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
04	6.20	5.10	3.00	17	19.20	18.10	16.00
05	7.20	6.10	4.00	18	20.20	19.10	17.00
06	8.20	7.10	5.00	19	21.20	20.10	18.00
07	9.20	8.10	6.00	20	22.20	21.10	19.00
08	10.20	8.10	7.00	22	24.20	23.10	21.00
09	11.20	10.10	8.00	24	26.20	25.10	23.00
10	12.20	11.10	9.00	25	27.20	26.10	24.00
11	13.20	12.10	10.00	26	28.20	27.10	25.00
12	14.20	13.10	11.00	27	29.20	28.10	26.00
13	15.20	14.10	12.00	28	30.20	29.10	27.00
14	16.20	15.10	13.00	30	32.20	31.10	29.00
15	17.20	16.10	14.00	32	34.20	33.10	31.00
16	18.20	17.10	15.00	—	—	—	—

ORDER INFORMATION



CONNECTORS MANUFACTURER



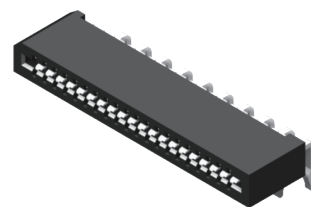
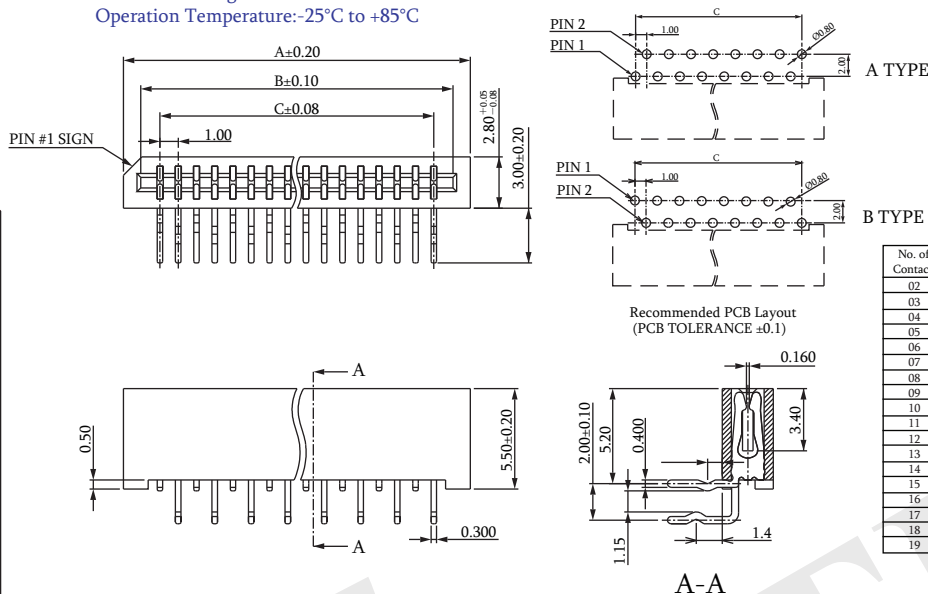
FPC/FFC 1.0mm Non ZIF Dip Type Side Entry

Specifications

Current Rating:1 AMP
 Insulation Resistance:500MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-25°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plated:Tin Plated



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.00	3.10	1.00	20	23.00	21.10	19.00
03	6.00	4.10	2.00	21	24.00	22.10	20.00
04	7.00	5.10	3.00	22	25.00	23.10	21.00
05	8.00	6.10	4.00	23	26.00	24.10	22.00
06	9.00	7.10	5.00	24	27.00	25.10	23.00
07	10.00	8.10	6.00	25	28.00	26.10	24.00
08	11.00	9.10	7.00	26	29.00	27.10	25.00
09	12.00	10.10	8.00	27	30.00	28.10	26.00
10	13.00	11.10	9.00	28	31.00	29.10	27.00
11	14.00	12.10	10.00	29	32.00	30.10	28.00
12	15.00	13.10	11.00	30	33.00	31.10	29.00
13	16.00	14.10	12.00	31	34.00	32.10	30.00
14	17.00	15.10	13.00	32	35.00	33.10	31.00
15	18.00	16.10	14.00	33	36.00	34.10	32.00
16	19.00	17.10	15.00	34	37.00	35.10	33.00
17	20.00	18.10	16.00	35	38.00	36.10	34.00
18	21.00	19.10	17.00	36	39.00	37.10	35.00
19	22.00	20.10	18.00	-	-	-	-

P/N: .5FP3B2RAD-XX-01
 P/N: .5FP3B2RBD-XX-01

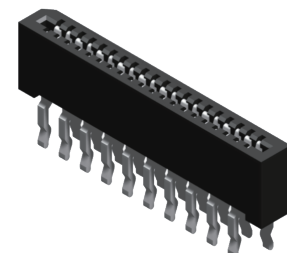
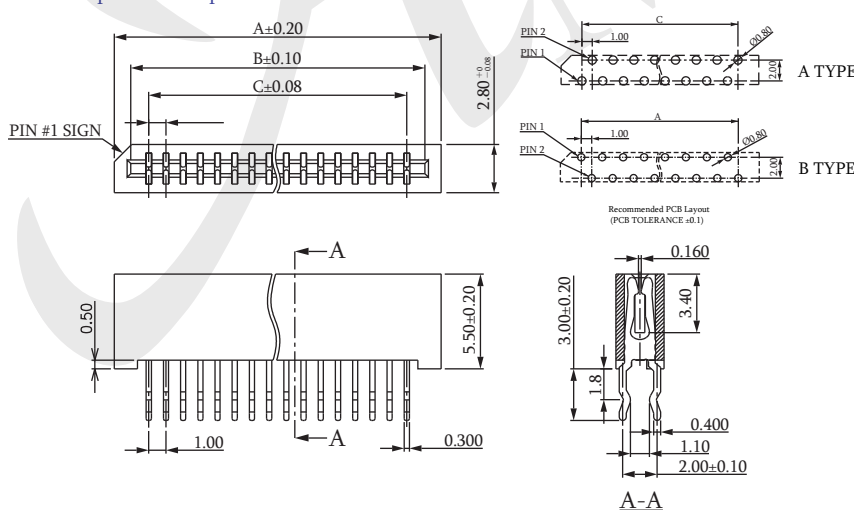
FPC/FFC 1.0mm Non ZIF Dip Type Top Entry

Specifications

Current Rating:1 AMP
 Insulation Resistance:500MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-25°C to +85°C

Material

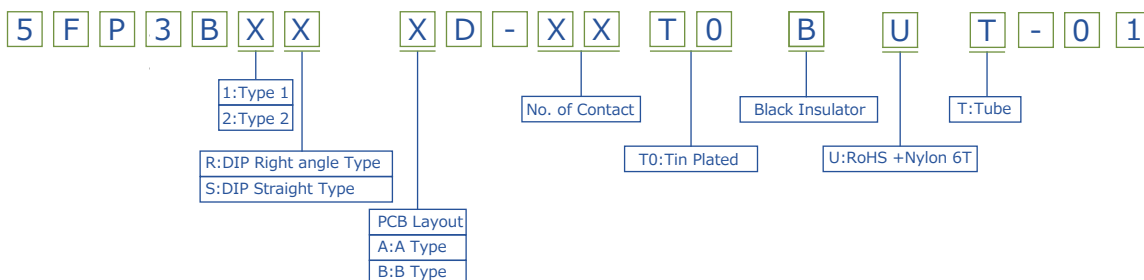
Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plated:Tin Plated



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	1.00	3.10	5.00	20	19.00	21.10	23.00
03	2.00	4.10	6.00	21	20.00	22.10	24.00
04	3.00	5.10	7.00	22	21.00	23.10	25.00
05	4.00	6.10	8.00	23	22.00	24.10	26.00
06	5.00	7.10	9.00	24	23.00	25.10	27.00
07	6.00	8.10	10.00	25	24.00	26.10	28.00
08	7.00	9.10	11.00	26	25.00	27.10	29.00
09	8.00	10.10	12.00	27	26.00	28.10	30.00
10	9.00	11.10	13.00	28	27.00	29.10	31.00
11	10.00	12.10	14.00	29	28.00	30.10	32.00
12	11.00	13.10	15.00	30	29.00	31.10	33.00
13	12.00	14.10	16.00	31	30.00	32.10	34.00
14	13.00	15.10	17.00	32	31.00	33.10	35.00
15	14.00	16.10	18.00	33	32.00	34.10	36.00
16	15.00	17.10	19.00	34	33.00	35.10	37.00
17	16.00	18.10	20.00	35	34.00	36.10	38.00
18	17.00	19.10	21.00	36	35.00	37.10	39.00
19	18.00	20.10	22.00	-	-	-	-

P/N: .5FP3B1SAD-XX-01
 P/N: .5FP3B1SBD-XX-01

ORDER INFORMATION



©Standard Recommend

Old P/N:FPC3BR6
 FPC3BS6

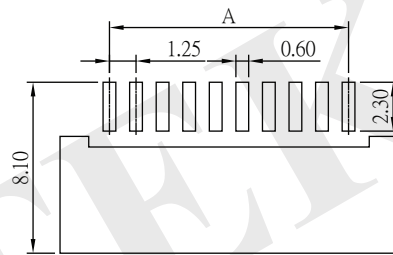
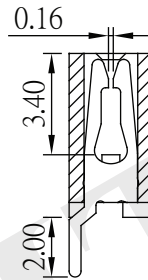
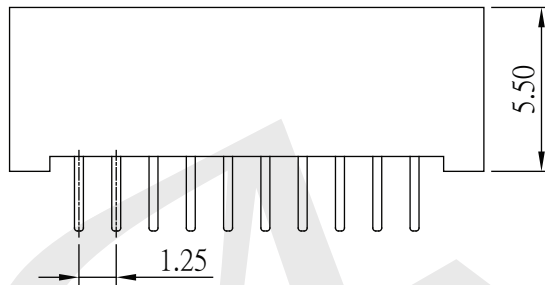
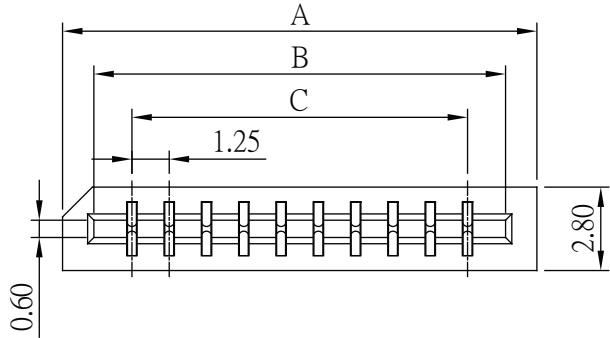
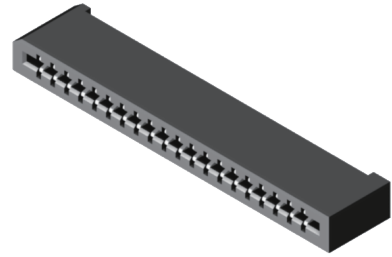
FPC/FFC 1.25mm Non ZIF SMT Type Side Entry

Specifications

Current Rating: 0.5 AMP
 Insulation Resistance: 1000MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

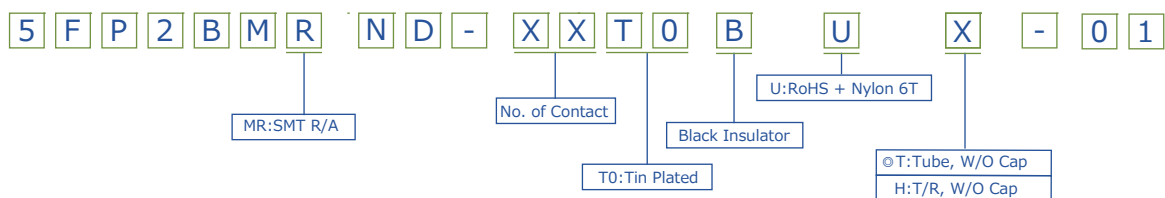
Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 6T
 Terminal: Copper Alloy
 Plated: Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.1)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50				

ORDER INFORMATION



CONNECTORS MANUFACTURER



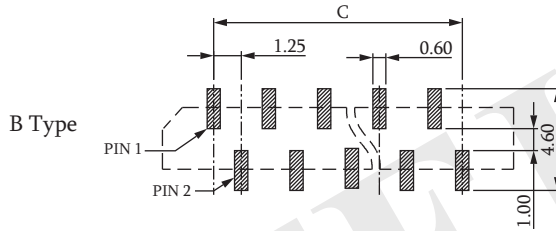
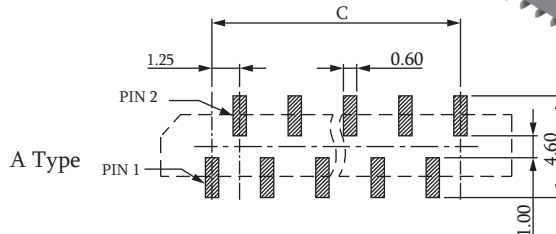
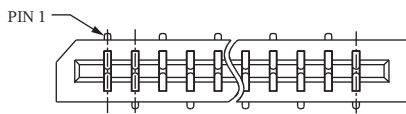
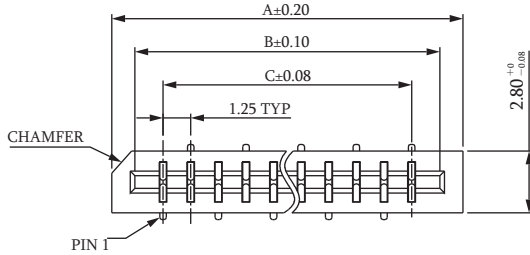
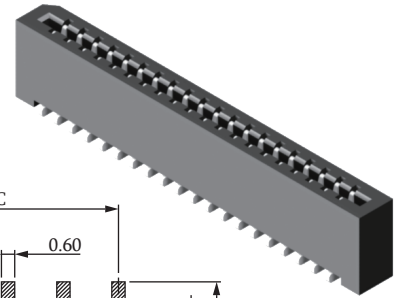
FPC/FFC 1.25mm Non ZIF SMT Type Top Entry

Specifications

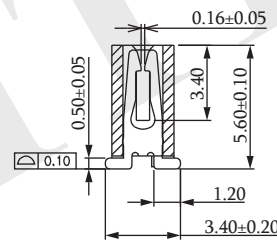
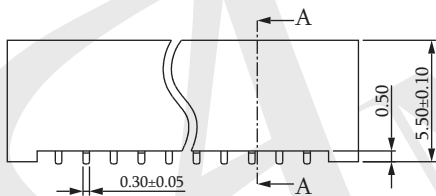
Current Rating:1 AMP
 Insulation Resistance:500MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-25°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:Nylon 6T
 Terminal:Copper Alloy
 Plated:Tin Plated



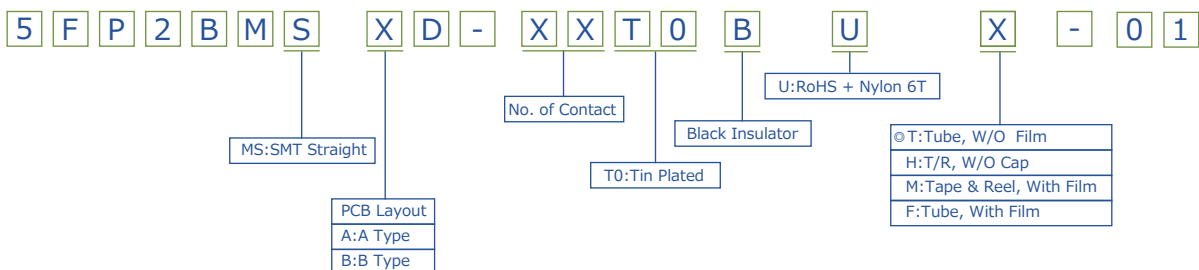
Recommended PCB Layout
(PCB TOLERANCE ±0.1)



A-A

No. of Contacts	Dimensions		
	A	B	C
04	8.40	6.30	3.75
05	9.65	7.55	5.00
06	10.90	8.80	6.25
08	13.40	11.30	8.75
10	15.90	13.80	11.25
11	17.15	15.05	12.50
16	23.40	21.30	18.75
17	24.65	22.55	20.00
18	25.90	23.80	21.25
20	28.40	26.30	23.75
24	33.40	31.30	28.75
26	35.90	33.80	31.25
27	37.15	35.05	32.50
28	38.40	36.30	33.75

ORDER INFORMATION



⊙: Standard Recommend

Old P/N: FPC2BMS6

FPC/FFC Conn.



RoHS

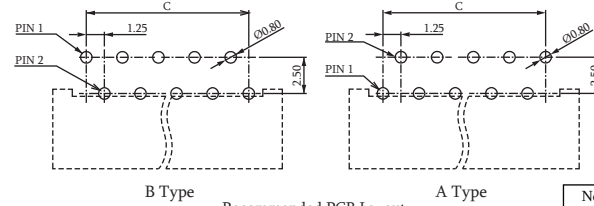
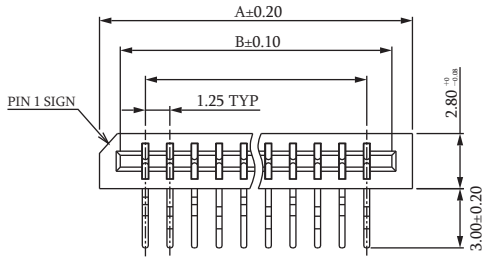
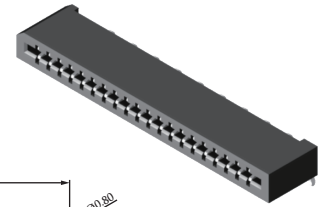
FPC/FFC 1.25mm Non ZIF Dip Type Side Entry

Specifications

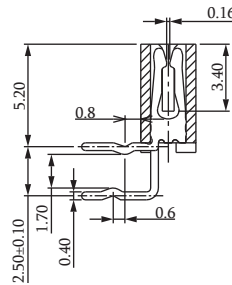
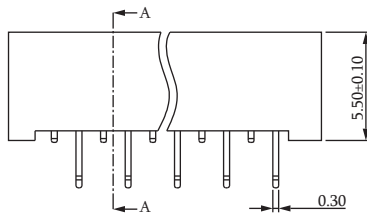
Current Rating: 1 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 500V AC for one minute
 Operation Temperature: -25°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 6T
 Terminal: Copper Alloy
 Plated: Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.1)



SCALE A-A

No. of Contacts	Dimensions		
	A	B	C
04	8.40	6.30	3.75
05	9.65	7.55	5.00
06	10.90	8.80	6.25
08	13.40	11.30	8.75
10	15.90	13.80	11.25
11	17.15	15.05	12.50
16	23.40	21.30	18.75
17	24.65	22.55	20.00
18	25.90	23.80	21.25
20	28.40	26.30	23.75
24	33.40	31.30	28.75
26	35.90	33.80	31.25
27	37.15	35.05	32.50
28	38.40	36.30	33.75
36	48.40	46.30	43.75

P/N.: 5FP2B1RAD-XX-01
 P/N.: 5FP2B1RBD-XX-01

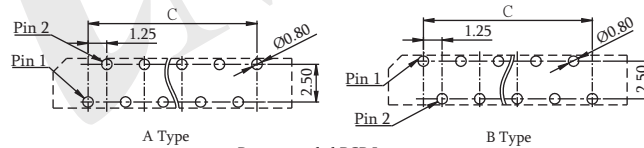
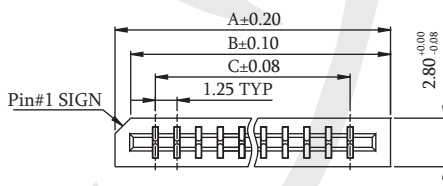
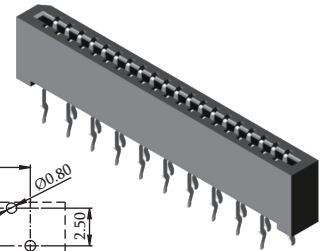
FPC/FFC 1.25mm Non ZIF Dip Type Top Entry

Specifications

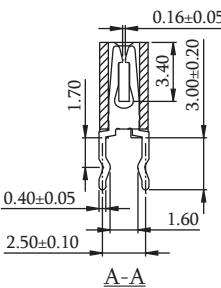
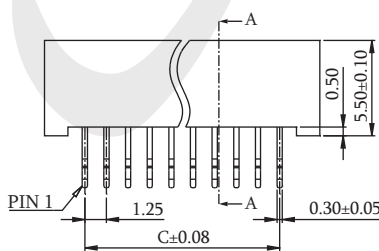
Current Rating: 1.0 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 30mΩ Max.
 Dielectric Voltage: 500V AC for one minute
 Operation Temperature: -25°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 ©Standard: Nylon 6T
 Terminal: Copper Alloy
 Plated: Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.1)

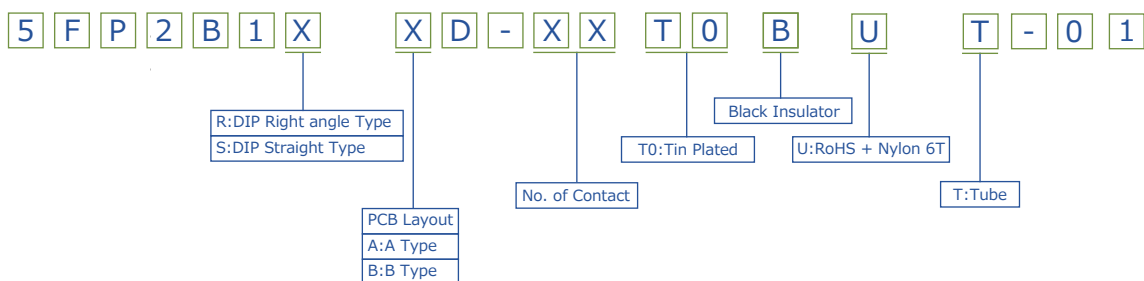


A-A

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
-	-	-	-	17	24.65	22.55	20.00
03	7.15	5.05	2.50	18	25.90	23.80	21.25
04	8.40	6.30	3.75	19	27.15	25.05	22.50
05	9.65	7.55	5.00	20	28.40	26.30	23.75
06	10.90	8.80	6.25	21	29.65	27.55	25.00
07	12.15	10.05	7.50	22	30.90	28.80	26.25
08	13.40	11.30	8.75	23	32.15	30.05	27.50
09	14.65	12.55	10.00	24	33.40	31.30	28.75
10	15.90	13.80	11.25	25	34.65	32.55	30.00
11	17.15	15.05	12.50	26	35.90	33.80	31.25
12	18.40	16.30	13.75	27	37.15	35.05	32.50
13	19.65	17.55	15.00	28	38.40	36.30	33.75
14	20.90	18.80	16.25	29	39.65	37.55	35.00
15	22.15	20.05	17.50	30	40.90	38.80	36.25
16	23.40	21.30	18.75	36	48.40	46.30	43.75

P/N.: 5FP2B1SAD-XX-01
 P/N.: 5FP2B1SBD-XX-01

ORDER INFORMATION



©: Standard Recommend

Old P/N: FPC2BR6
 FPC2BS6

CONNECTORS MANUFACTURER



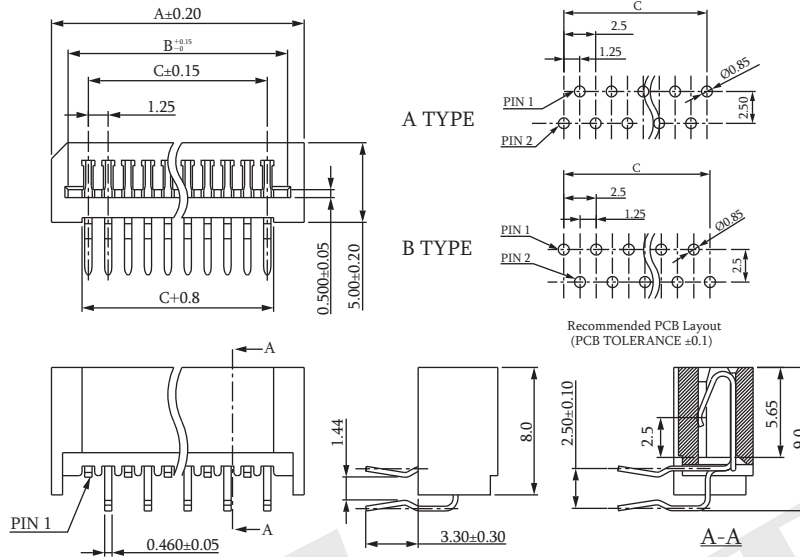
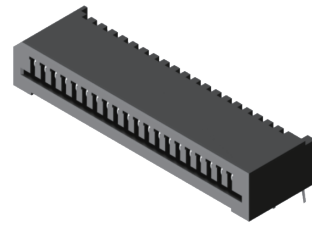
FPC/FFC 1.25mm Non ZIF Single Contact Dip Type Side Entry

Specifications

Current Rating:1.0 AMP
 Insulation Resistance:500MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-25°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:PBT
 Terminal:Copper Alloy
 Plated:Tin Plated



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50	-	-	-	-

P/N.:5FP2B2RAD-XX-01
 P/N.:5FP2B2RBD-XX-01

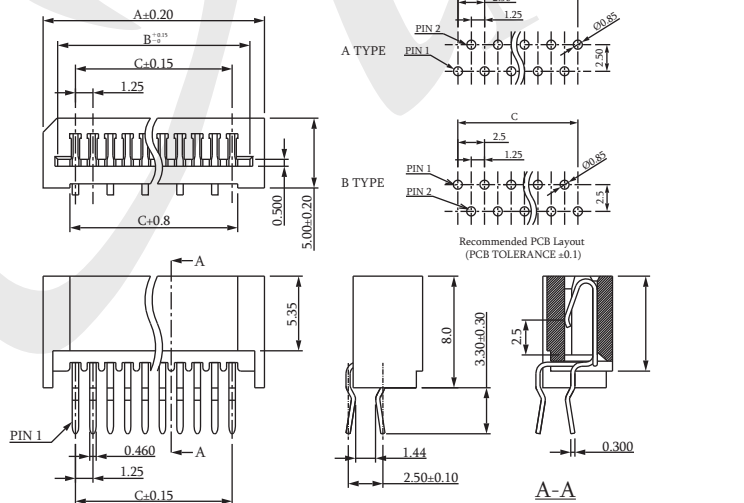
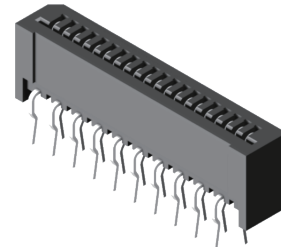
FPC/FFC 1.25mm Non ZIF Single Contact Dip Type Top Entry

Specifications

Current Rating:1.0 AMP
 Insulation Resistance:500MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-25°C to +85°C

Material

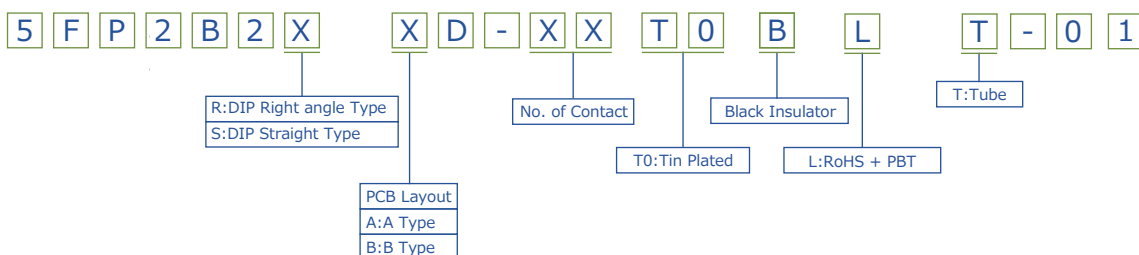
Insulator:Polyester,UL 94V-0
 ©Standard:PBT
 Terminal:Copper Alloy
 Plated:Tin Plated



No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50	-	-	-	-

P/N.:5FP2B2SAD-XX-01
 P/N.:5FP2B2SBD-XX-01

ORDER INFORMATION



©:Standard Recommend

Old P/N:FPC2BRS6
 Old P/N:FPC2BSS6

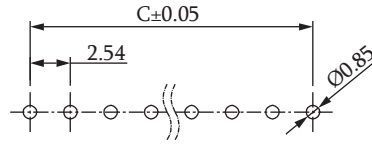
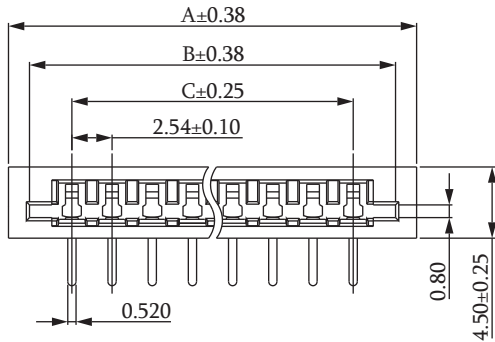
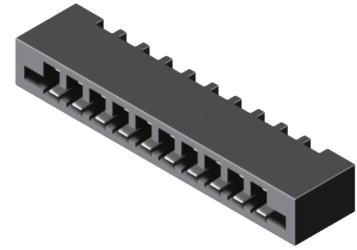
FPC/FFC 2.54mm Non ZIF Single Contact Dip Type Side Entry

Specifications

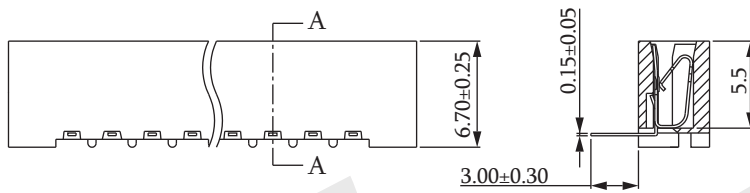
Current Rating:3 AMP
 Insulation Resistance:1000MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:1000V AC for one minute
 Operation Temperature:-25°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:PBT
 Terminal:Copper Alloy
 Plated:Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.1)



SECTION A-A

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	10.54	8.43	2.54	15	43.56	41.45	35.56
03	13.08	10.97	5.08	16	46.10	43.99	38.10
04	15.62	13.51	7.62	17	48.64	46.53	40.64
05	18.16	16.05	10.16	18	51.18	49.07	43.18
06	20.70	18.59	12.70	19	53.72	51.61	45.72
07	23.24	21.13	15.24	20	56.26	54.15	48.26
08	25.78	23.67	17.78	21	58.80	56.69	50.80
09	28.32	26.21	20.32	22	61.34	59.23	53.34
10	30.86	28.75	22.86	23	63.88	61.77	55.88
11	33.40	31.29	25.40	24	66.42	64.31	58.42
12	35.94	33.83	27.94	25	68.96	66.85	60.96
13	38.48	36.37	30.48	26	71.50	69.39	63.50
14	41.02	38.91	33.02	-	-	-	-

P/N.:5FP1B1RND-XX-01

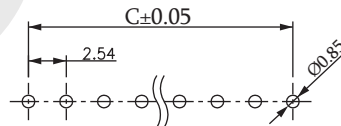
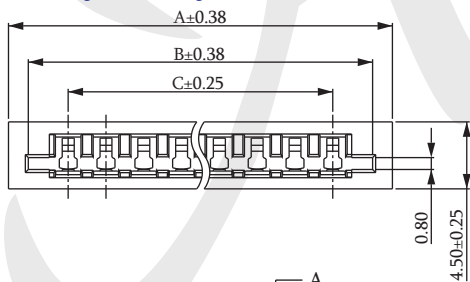
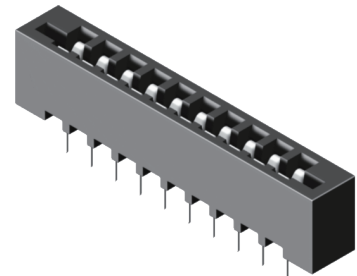
FPC/FFC 2.54mm Non ZIF Single Contact Dip Type Top Entry

Specifications

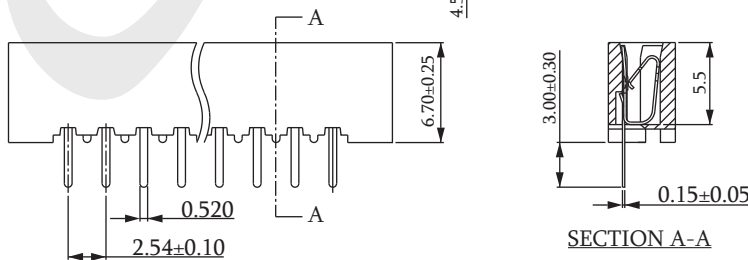
Current Rating:3 AMP
 Insulation Resistance:1000MΩ Min.
 Contact Resistance:30mΩ Max.
 Dielectric Voltage:1000V AC for one minute
 Operation Temperature:-25°C to +85°C

Material

Insulator:Polyester,UL 94V-0
 ©Standard:PBT
 Terminal:Copper Alloy
 Plated:Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.1)

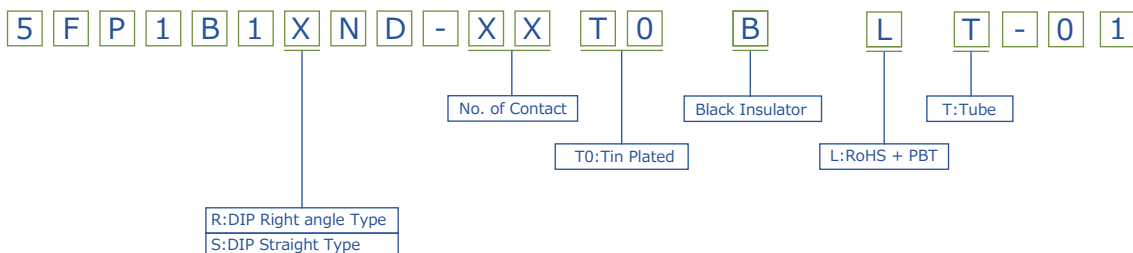


SECTION A-A

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	10.54	8.43	2.54	15	43.56	41.45	35.56
03	13.08	10.97	5.08	16	46.10	43.99	38.10
04	15.62	13.51	7.62	17	48.64	46.53	40.64
05	18.16	16.05	10.16	18	51.18	49.07	43.18
06	20.70	18.59	12.70	19	53.72	51.61	45.72
07	23.24	21.13	15.24	20	56.26	54.15	48.26
08	25.78	23.67	17.78	21	58.80	56.69	50.80
09	28.32	26.21	20.32	22	61.34	59.23	53.34
10	30.86	28.75	22.86	23	63.88	61.77	55.88
11	33.40	31.29	25.40	24	66.42	64.31	58.42
12	35.94	33.83	27.94	25	68.96	66.85	60.96
13	38.48	36.37	30.48	26	71.50	69.39	63.50
14	41.02	38.91	33.02	-	-	-	-

P/N.:5FP1B1SND-XX-01

ORDER INFORMATION



©:Standard Recommend

Old P/N:FPC1DR6
FPC1DS6

CONNECTORS MANUFACTURER



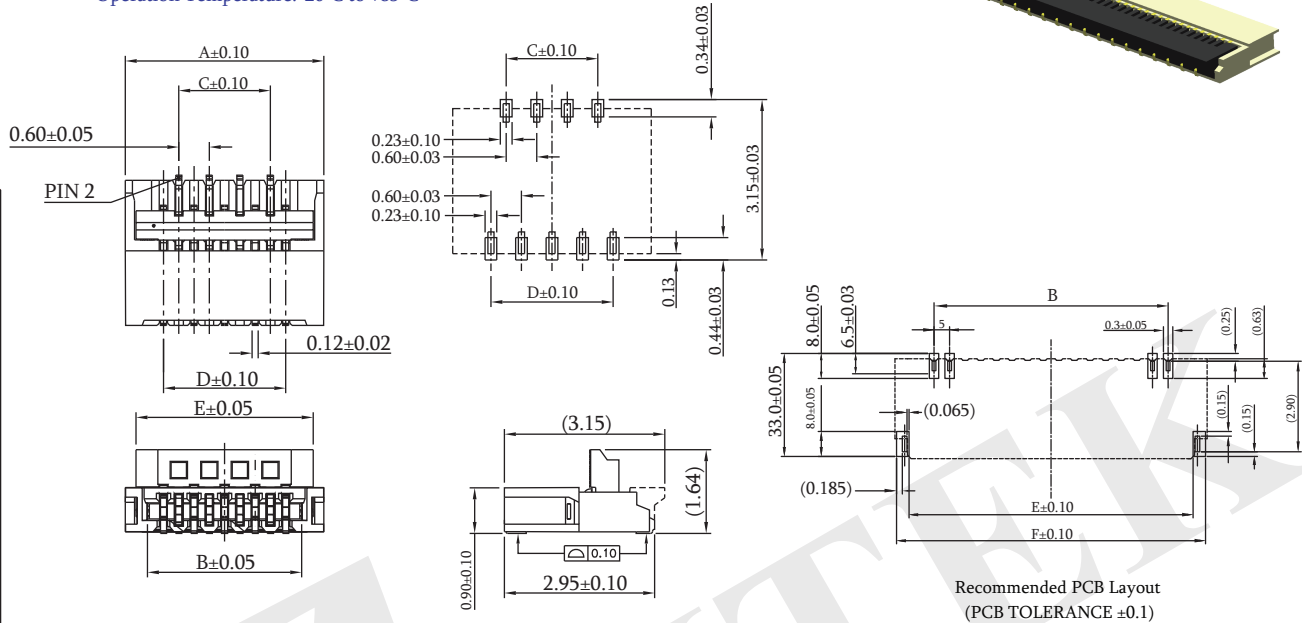
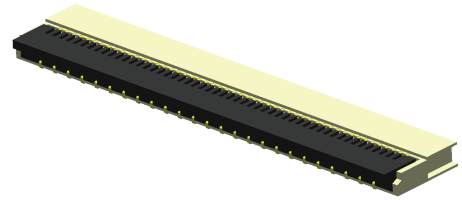
FPC/FFC 0.3mm ZIF SMT Type Side Entry

Specifications

Current Rating:1.0 AMP
 Insulation Resistance:50MΩ Min.
 Contact Resistance:20mΩ Max.
 Dielectric Voltage:500V AC for one minute
 Operation Temperature:-20°C to +85°C

Material

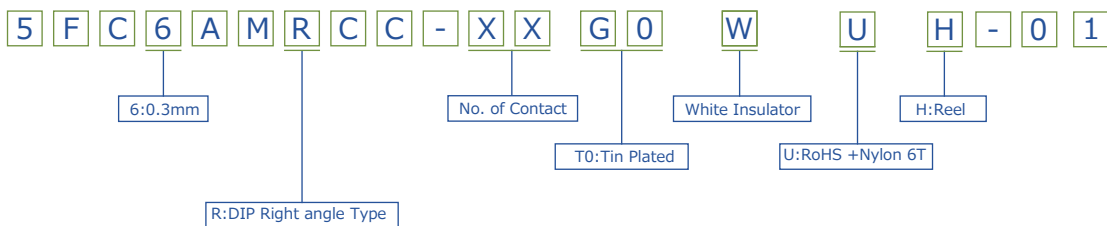
Insulator:Polyester,UL 94V-0
 ©Standard:PBT
 Terminal:Copper Alloy
 Plated:Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.1)

No. of Contacts	Dimensions								H	No. of Contacts	Dimensions								H
	A	B	C	D	E	F	G	H			A	B	C	D	E	F	G	H	
04	4.00	1.50	2.57	3.38	3.10	3.90	2.50		28	16.00	13.50	14.57	15.38	15.10	15.90	14.50			
05	4.50	2.00	3.07	3.88	3.60	4.40	3.00		29	16.50	14.00	15.07	15.88	15.60	16.40	15.00			
06	5.00	2.50	3.57	4.38	4.10	4.90	3.50		30	17.00	14.50	15.57	16.38	16.10	16.90	15.50			
07	5.50	3.00	4.07	4.88	4.60	5.40	4.00		31	17.50	15.00	16.07	16.88	16.60	17.40	16.00			
08	6.00	3.50	4.57	5.38	5.10	5.90	4.50		32	18.00	15.50	16.57	17.38	17.10	17.90	16.50			
09	6.50	4.00	5.07	5.88	5.60	6.40	5.00		33	18.50	16.00	17.07	17.88	17.60	18.40	17.00			
10	7.00	4.50	5.57	6.38	6.10	6.90	5.50		34	19.00	16.50	17.57	18.38	18.10	18.90	17.50			
11	7.50	5.00	6.07	6.88	6.60	7.40	6.00		35	19.50	17.00	18.07	18.88	18.60	19.40	18.00			
12	8.00	5.50	6.57	7.38	7.10	7.90	6.50		36	20.00	17.50	18.57	19.38	19.10	19.90	18.50			
13	8.50	6.00	7.07	7.88	7.60	8.40	7.00		37	20.50	18.00	19.07	19.88	19.60	20.40	19.00			
14	9.00	6.50	7.57	8.38	8.10	8.90	7.50	0.90	38	21.00	18.50	19.57	20.38	20.10	20.90	19.50	0.95		
15	9.50	7.00	8.07	8.88	8.60	9.40	8.00		39	21.50	19.00	20.07	20.88	20.60	21.40	20.00			
16	10.00	7.50	8.57	9.38	9.10	9.90	8.50		40	22.00	19.50	20.57	21.38	21.10	21.90	20.50			
17	10.50	8.00	9.07	9.88	9.60	10.40	9.00		41	22.50	20.00	21.07	21.88	21.60	22.40	21.00			
18	11.00	8.50	9.57	10.38	10.10	10.90	9.50		42	23.00	20.50	21.57	22.38	22.10	22.90	21.50			
19	11.50	9.00	10.07	10.88	10.60	11.40	10.00		43	23.50	21.00	22.07	22.88	22.60	23.40	22.00			
20	12.00	9.50	10.57	11.38	11.10	11.90	10.50		44	24.00	21.50	22.57	23.38	23.10	23.90	22.50			
21	12.50	10.00	11.07	11.88	11.60	12.40	11.00		45	24.50	22.00	23.07	23.88	23.60	24.40	23.00			
22	13.00	10.50	11.57	12.38	12.10	12.90	11.50		46	25.00	22.50	23.57	24.38	24.10	24.90	23.50			
23	13.50	11.00	12.07	12.88	12.60	13.40	12.00		47	25.50	23.00	24.07	24.88	24.60	25.40	24.00			
24	14.00	11.50	12.57	13.38	13.10	13.90	12.50		48	26.00	23.50	24.57	25.38	25.10	25.90	24.50			
25	14.50	12.00	13.07	13.88	13.60	14.40	13.00		49	26.50	24.00	25.07	25.88	25.60	26.40	25.00			
26	15.00	12.50	13.57	14.38	14.10	14.90	13.50	0.95	50	27.00	24.50	25.57	26.38	26.10	26.90	25.50			
27	15.50	13.00	14.07	14.88	14.60	15.40	14.00												

ORDER INFORMATION



©:Standard Recommend

Old P/N:FPC6AMR1D



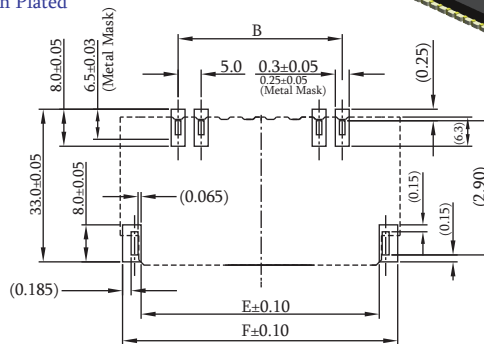
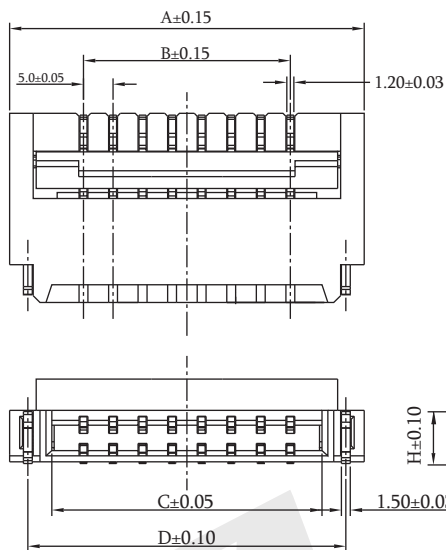
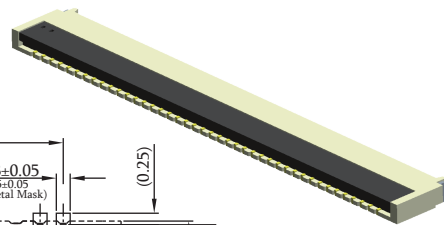
FPC/FFC 0.5mm ZIF SMT Type Side Entry

Specifications

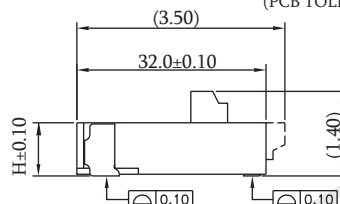
Current Rating: 0.5 AMP
 Insulation Resistance: 500MΩ Min.
 Contact Resistance: 100mΩ Max.
 Dielectric Voltage: 250V AC for one minute
 Operation Temperature: -55°C to +85°C

Material

Insulator: Polyester, UL 94V-0
 Standard: PBT
 Terminal: Copper Alloy
 Plated: Tin Plated



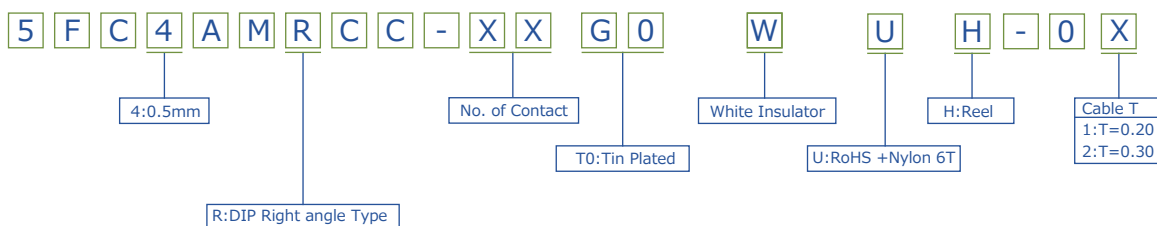
Recommended PCB Layout
 (PCB TOLERANCE ±0.05)



No. of Contacts	Dimensions					No. of Contacts	Dimensions				
	A	B	C	D	E		A	B	C	D	E
13	5.10	4.23	3.00	3.60	4.67	33	11.10	10.23	9.00	9.60	10.67
15	5.70	4.85	3.60	4.20	5.27	35	11.70	10.83	9.60	10.20	11.27
17	6.30	5.43	4.20	4.80	5.87	37	12.30	11.43	10.20	10.80	11.87
19	6.90	6.03	4.80	5.40	6.47	39	12.90	12.03	10.80	11.40	12.47
21	7.50	6.63	5.40	6.00	7.07	41	13.50	12.63	11.40	12.00	13.07
23	8.10	7.23	6.00	6.60	7.67	43	14.10	13.23	12.00	12.60	13.67
25	8.70	7.83	6.60	7.20	8.27	45	14.70	13.83	12.60	13.20	14.27
27	9.30	8.43	7.20	7.80	8.87	51	16.50	15.63	14.40	15.00	16.07
29	9.90	9.03	7.80	8.40	9.47	61	19.50	18.63	17.40	18.00	19.08
31	10.50	9.63	8.40	9.00	10.07	—	—	—	—	—	—

P/N.: 5FP4AMRCC-XX-0X

ORDER INFORMATION



◎: Standard Recommend

Old P/N: FPC4AMRB1