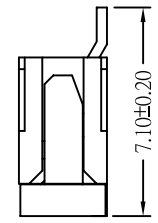
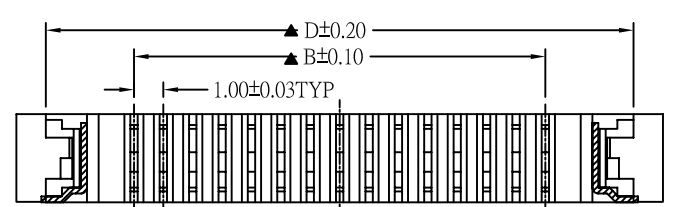


Category	Description	P/N#
CONNECTOR	FPC/FFC Connector, ZIF, 1.0mm, SMD, HORIZONTAL, Bottom Contact	2FC13B-xx51-1R

A2: Change Housing & Actuator Color

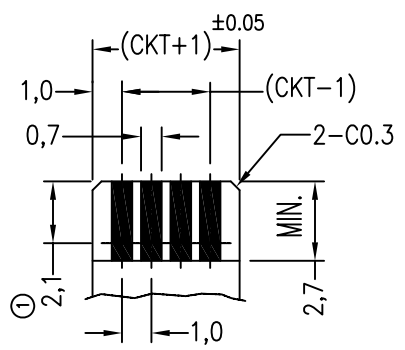
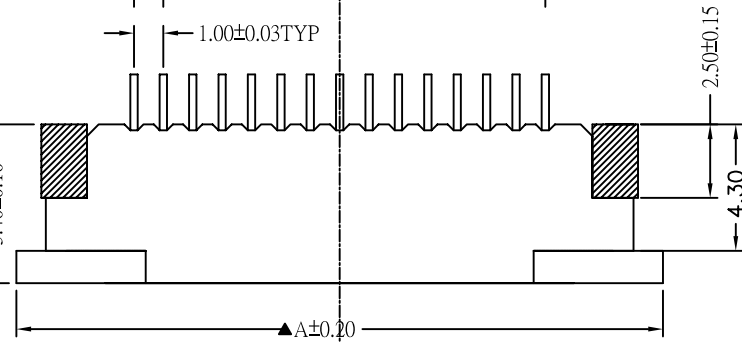
Rev.	Changed by	Date	ECN No.
A1		2005-07-06	
A2	Ryan Lin	2005-07-06	ECN2005070601



Specifications:
 Electric Characteristics:
 Voltage Rating: DC 50V Max.
 Current Rating: 0.5A Max.
 Contact Resistance: 20mΩ Max.
 Insulation Resistance: 100MΩ Min.
 Dielectric Withstanding Voltage: 500V AC for 60Sec.

Temperature: -25°C TO 85°C

Material & Finish:
 Housing: PPS UL94-V0, Black
 Actuator: PPS UL94-V0, White
 Contacts: Phosphor Bronze, Tin. Alloy Plating
 Holddown: Brass, Tin. Alloy Plating
 Package: Tape & Reel

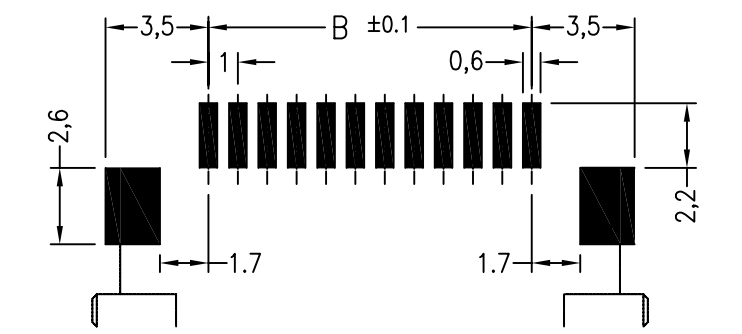
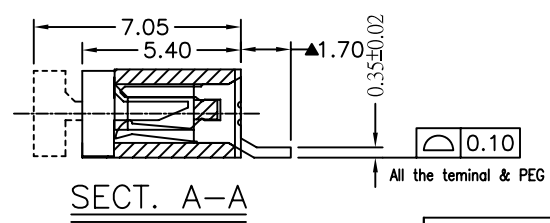
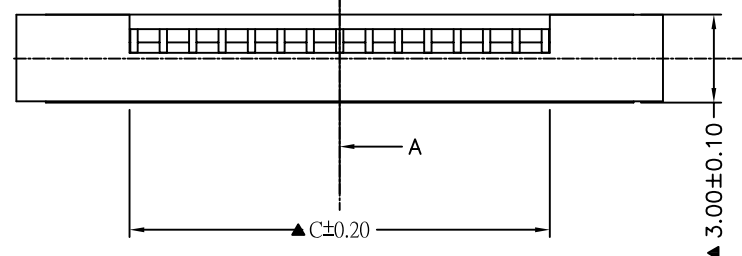


2FC31B-xx51-1R
Circuits

DIMENSIONS(mm)

CKT.	A	B	C	D	CKT.	A	B	C	D
03	10.0	2.0	4.15	8.0	19	26.0	18.0	20.15	24.0
04	11.0	3.0	5.15	9.0	20	27.0	19.0	21.15	25.0
05	12.0	4.0	6.15	10.0	21	28.0	20.0	22.15	26.0
06	13.0	5.0	7.15	11.0	22	29.0	21.0	23.15	27.0
07	14.0	6.0	8.15	12.0	23	30.0	22.0	24.15	28.0
08	15.0	7.0	9.15	13.0	24	31.0	23.0	25.15	29.0
09	16.0	8.0	10.15	14.0	25	32.0	24.0	26.15	30.0
10	17.0	9.0	11.15	15.0	26	33.0	25.0	27.15	31.0
11	18.0	10.0	12.15	16.0	27	34.0	26.0	28.15	32.0
12	19.0	11.0	13.15	17.0	28	35.0	27.0	29.15	33.0
13	20.0	12.0	14.15	18.0	29	36.0	28.0	30.15	34.0
14	21.0	13.0	15.15	19.0	30	37.0	29.0	31.15	35.0
15	22.0	14.0	16.15	20.0	31	38.0	30.0	32.15	36.0
16	23.0	15.0	17.15	21.0	32	39.0	31.0	33.15	37.0
17	24.0	16.0	18.15	22.0	33	40.0	32.0	34.15	38.0
18	25.0	17.0	19.15	23.0	34	41.0	33.0	35.15	39.0

(PITCH)
 RECOMMENDED APPLICABLE
 FPC LAYOUT (THICKNESS:0.3±0.03)



.XX±0.15	.XX'±0.3'
.X ±0.30	.X' ±0.5'
X. ±0.8	X' ±1.0'
XX. ±3.0	XX' ±3.0'
XXX. ±30	XXX' ±5.0'
General Tolerance	Angle Tolerance

Product Drawing

TERAPRO Technology Co., Ltd.

Projection: DWG#: TN-FP050XX10

Unit: mm Scale: 1:1 Page: 1/1

Authd by: Ryan Appd by: Ryan Ckd by: Pan Prep. by: You