

TECHNICAL CHARACTERISTICS

1. General Characteristics

Dimension: [(Pin*0.5)+2.0] L x 3.88 W x 1.15H mm

FPC/FFC thickness: 0.30±0.03 mm

Contact principle: Friction technology

Mounting System: SMT Type (without post)

Durability: 30 cycles min.

2. Mechanical Characteristics

Insulation material: Thermoplastic, UL 94V-0

RoHS Directive 2002/95/EC Compliant

3. Electrical Characteristics

Number of contacts: 6 ~ 60 pins

Contact resistance: 50 mΩ max.

Insulation resistance: 50 MΩ / 250 VDC

4. Solderability

Wave: Not applicable

IR reflow: 235°C, 10~15 sec. Max.

Manual soldering: 360°C, 3 sec. Max.

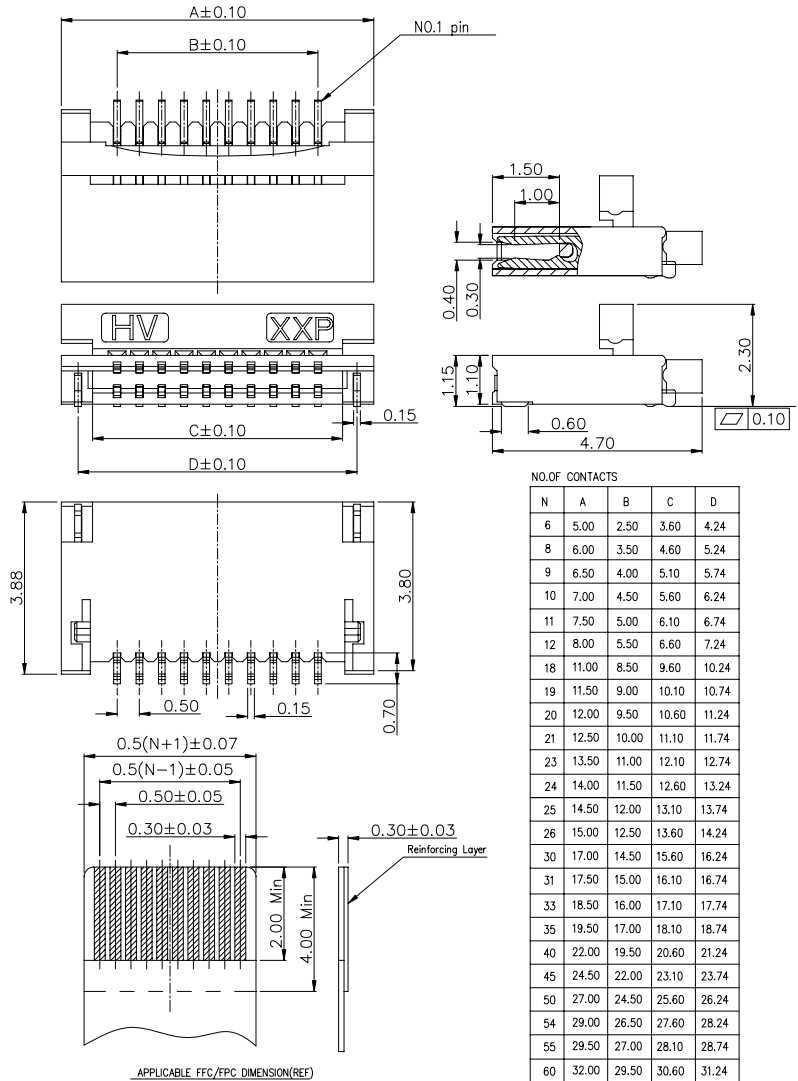
5. Environmental Characteristics

Operating temperature: - 25°C ~ + 85°C

Operating humidity: 10 % ~ 95 % RH

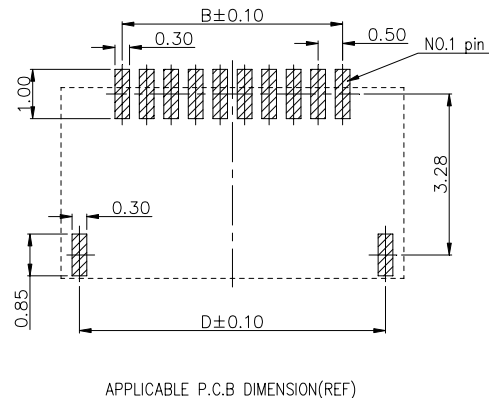
Storage temperature: - 25°C ~ + 85°C

Storage humidity: 10 % ~ 95 % RH



NO.OF CONTACTS				
N	A	B	C	D
6	5.00	2.50	3.60	4.24
8	6.00	3.50	4.60	5.24
9	6.50	4.00	5.10	5.74
10	7.00	4.50	5.60	6.24
11	7.50	5.00	6.10	6.74
12	8.00	5.50	6.60	7.24
18	11.00	8.50	9.60	10.24
19	11.50	9.00	10.10	10.74
20	12.00	9.50	10.60	11.24
21	12.50	10.00	11.10	11.74
23	13.50	11.00	12.10	12.74
24	14.00	11.50	12.60	13.24
25	14.50	12.00	13.10	13.74
26	15.00	12.50	13.60	14.24
30	17.00	14.50	15.60	16.24
31	17.50	15.00	16.10	16.74
33	18.50	16.00	17.10	17.74
35	19.50	17.00	18.10	18.74
40	22.00	19.50	20.60	21.24
45	24.50	22.00	23.10	23.74
50	27.00	24.50	25.60	26.24
54	29.00	26.50	27.60	28.24
55	29.50	27.00	28.10	28.74
60	32.00	29.50	30.60	31.24

Unit: mm; Tolerances: ±0.15 mm
Mechanical outline dimension



Unit: mm; Tolerances: ±0.05 mm
Reference dimension for PCB layout

H&V FPC/FFC Connector

Model No.: FCC-A50

Revision: 0.9

Date: NOV. 10, 2009