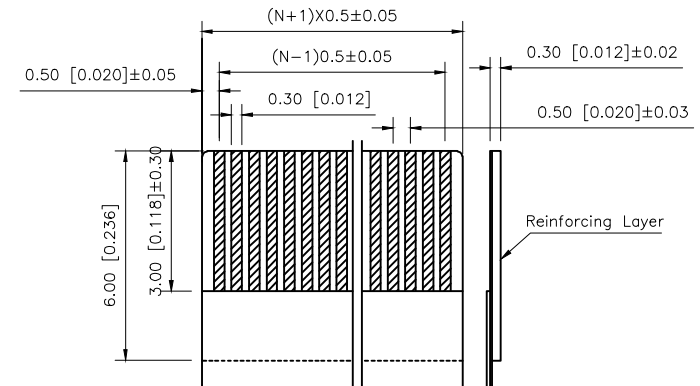
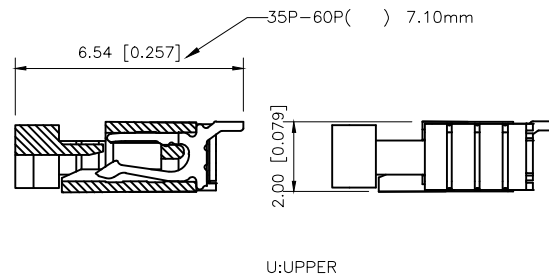
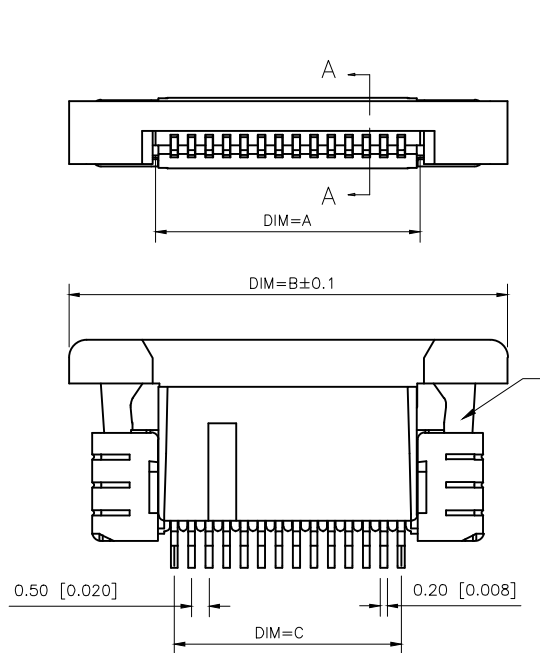


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A			2025.04.17	
A2	N/A			2025.09.02	



RECOMMENFED FFC/FPC DIM

PART NO.:

X05B2Q U XX X

Series Name:X05B2Q=0.5mm Pitch(H=2.0mm)

Assembly style :L:Low Contact SMT Type

U:Upper Contact SMT Type

D:Double-Face Contact SMT Type

H:Back-flip Double-Face Contact SMT

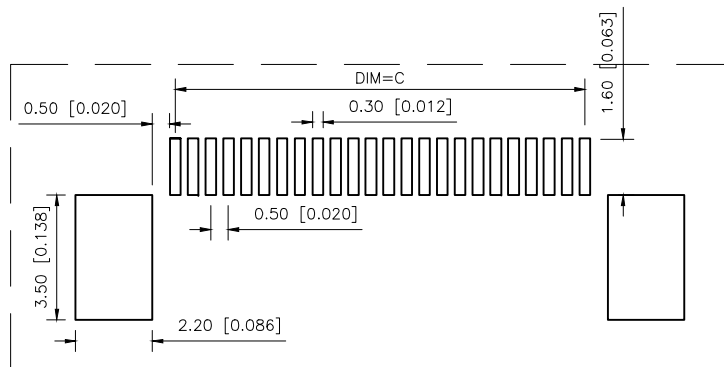
Number of terminals :XX=04-60PIN

Plating : T:Tin Over Nickel

■SPECIFICATIONS

- Withstanding Voltage:500V AC/minute
- Temperature range:-45°C~+125°C
- Insulation resistance:500MΩ Min
- Contact resistance:30mΩ Max

Poles	Dimension mm			Poles	Dimension mm		
	A	B	C		A	B	C
4	2.55	7.60	1.50	30	15.55	20.60	14.50
5	3.05	8.10	2.00	31	16.05	21.10	15.00
6	3.55	8.60	2.50	32	16.55	21.60	15.50
7	4.05	9.10	3.00	33	17.05	22.10	16.00
8	4.55	9.60	3.50	34	17.55	22.60	16.50
9	5.05	10.10	4.00	35	18.05	23.10	17.00
10	5.55	10.60	4.50	36	18.55	23.60	17.50
11	6.05	11.10	5.00	38	19.55	24.60	18.50
12	6.55	11.60	5.50	40	20.55	25.60	19.50
13	7.05	12.10	6.00	42	21.55	26.60	20.50
14	7.55	12.60	6.50	44	22.55	27.60	21.50
15	8.05	13.10	7.00	45	23.05	28.10	22.00
16	8.55	13.60	7.50	47	24.05	29.10	23.00
17	9.05	14.10	8.00	48	24.55	29.60	23.50
18	9.55	14.60	8.50	49	25.05	30.10	24.00
19	10.05	15.10	9.00	50	25.55	30.60	24.50
20	10.55	15.60	9.50	51	26.05	31.10	25.00
21	11.05	16.10	10.00	52	26.55	31.60	25.50
22	11.55	16.60	10.50	53	27.05	32.10	26.00
23	12.05	17.10	11.00	54	27.55	32.60	26.50
24	12.55	17.60	11.50	55	28.05	33.10	27.00
25	13.05	18.10	12.00	57	29.05	34.10	28.00
26	13.55	18.60	12.50	60	33.50	35.60	29.50
27	14.05	19.10	13.00				
28	14.55	19.60	13.50				
29	15.05	20.10	14.00				



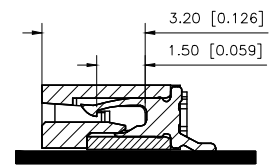
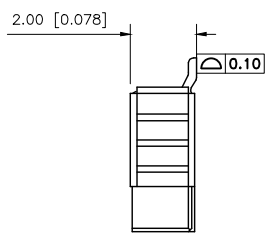
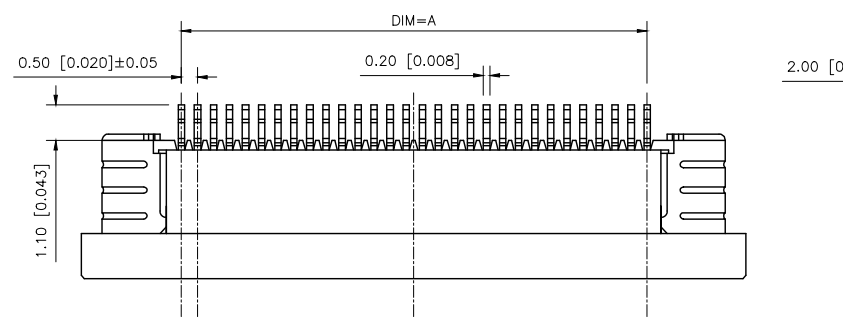
RECOMMENFED PCB LAYOUT

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



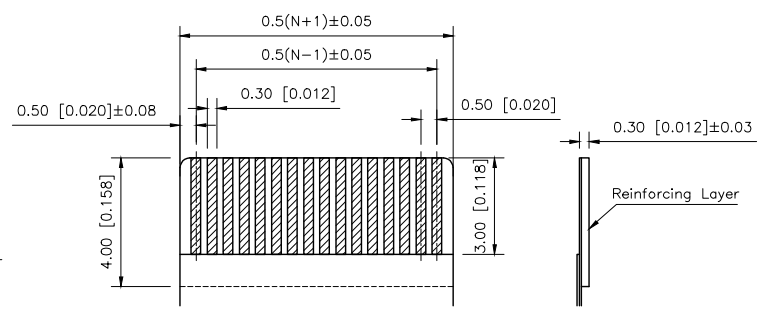
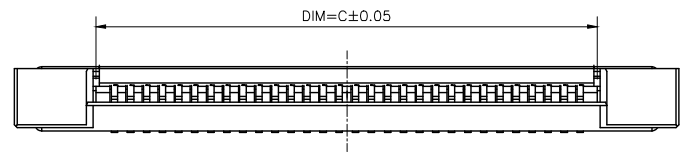
DESIGN		VIEW:		MODEL TYPE:	FPC CONNECTOR
CHECKED		UNIT:	mm/in	PART NO.:	X05B20UXXX
APPROVED		SIZE:	A4	DWG NO.:	

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A			2025.04.17	

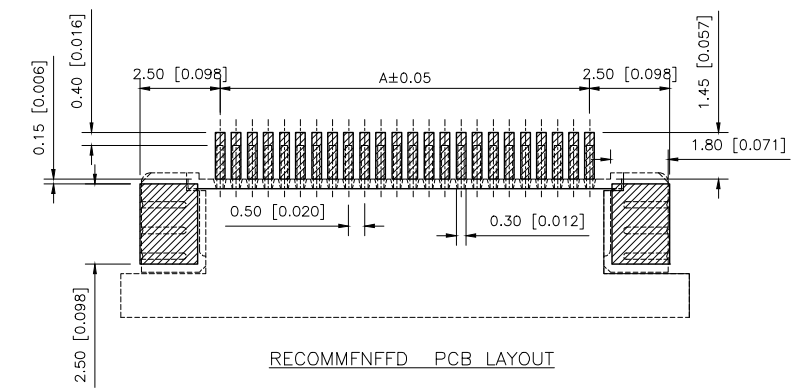
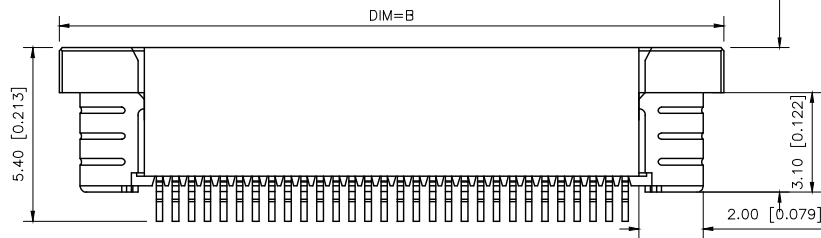


Up Contact

- SPECIFICATIONS
- Voltage rating:50V AC/DC
 - Current rating:0.4A AC/DC
 - Withstanding Voltage:500V AC/minute
 - Temperature range:-45°C~+125°C
 - Insulation resistance:≥500MQ
 - Contact resistance:≤20mΩ



RECOMMENFED FFC DIM



RECOMMENFED PCB LAYOUT

PART NO.:

X05B20 U XX I

Series Name:X05B20=0.5mm Pitch(H=2.0mm)
Assembly style :L:Low Contact SMT Type
U:Upper Contact SMT Type
D:Double-Face Contact SMT Type
H:Back-flip Double-Face Contact SMT
Number of terminals :XX=37/43PIN
Plating : T:Tin Over Nickel

Poles	Dimension mm		
	A	B	C
37	18.00	24.20	19.10
43	21.00	27.20	22.10

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN		VIEW:
CHECKED		UNIT: mm/in
APPROVED		SIZE: A4

MODEL TYPE: FPC CONNECTOR	
PART NO.: X05B20UXXT	
DWG NO.:	