

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A			2025.05.20	
A2	N/A			2025.08.20	

Electrical Characteristics:
Current rating:0.5A AC/DC
Voltage rating:50V AC/DC
Temperature range:-40 ~+85
Withstand Voltage: 200V AC/Minute
Contact Resistance:≤ 20mΩ
Insulation resistance: ≥ 500MΩ

Material Description:
Terminal: Phosphor Bronze Gold-Plated
Fixing tabs: Brass Tin-plated
Housing:LCP (UL94V-0)
Slider: LCP Black(UL94V-0)

NO.OF CKF	DIM.A	DIM.B	DIM.C	DIM.D
04	6.40	3.50	1.50	2.60
06	7.40	4.50	2.50	3.60
07	7.90	5.00	3.00	4.10
08	8.40	5.50	3.50	4.60
09	8.90	6.00	4.00	5.10
10	9.40	6.50	4.50	5.60
11	9.90	7.00	5.00	6.10
12	10.40	7.50	5.50	6.60
13	10.90	8.00	6.00	7.10
14	11.40	8.50	6.50	7.60
15	11.90	9.00	7.00	8.10
16	12.40	9.50	7.50	8.60
17	12.90	10.00	8.00	9.10
18	13.40	10.50	8.50	9.60
19	13.90	11.00	9.00	10.10
20	14.40	11.50	9.50	10.60
21	14.90	12.00	10.00	11.10
22	15.40	12.50	10.50	11.60
23	15.90	13.00	11.00	12.10
24	16.40	13.50	11.50	12.60
25	16.90	14.00	12.00	13.10
26	17.40	14.50	12.50	13.60
27	17.90	15.00	13.00	14.10
28	18.40	15.50	13.50	14.60
29	18.90	16.00	14.00	15.10
30	19.40	16.50	14.50	15.60
31	19.90	17.00	15.00	16.10
32	20.40	17.50	15.50	16.60
33	20.90	18.00	16.00	17.10
34	21.40	18.50	16.50	17.60
35	21.90	19.00	17.00	18.10
36	22.40	19.50	17.50	18.60
37	22.90	20.00	18.00	19.10
38	23.40	20.50	18.50	19.60
39	23.90	21.00	19.00	20.10
40	24.40	21.50	19.50	20.60
41	24.90	22.00	20.00	21.10
42	25.40	22.50	20.50	21.60
43	25.90	23.00	21.00	22.10
44	26.40	23.50	21.50	22.60
45	26.90	24.00	22.00	23.10
46	27.40	24.50	22.50	23.60
47	27.90	25.00	23.00	24.10
48	28.40	25.50	23.50	24.60
49	28.90	26.00	24.00	25.10
50	29.40	26.50	24.50	25.60
51	29.90	27.00	25.00	26.10
52	30.40	27.50	25.50	26.60
53	30.90	28.00	26.00	27.10
54	31.40	28.50	26.50	27.60
55	31.90	29.00	27.00	28.10
56	32.40	29.50	27.50	28.60
57	32.90	30.00	28.00	29.10
58	33.40	30.50	28.50	29.60
59	33.90	31.00	29.00	30.10
60	34.40	31.50	29.50	30.60

PART NO.:

X05A20 L XX G

Series Name:X05A20=0.50mm Pitch(H:2.00mm)

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 Type

Number of terminals :XX=08-60PIN

Plating : G:Gold Flash Over Nickel

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.: X05A20LXXG
APPROVED		SIZE: A4	DWG NO.:

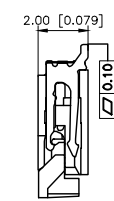
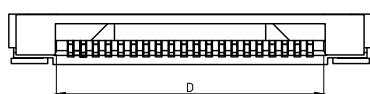
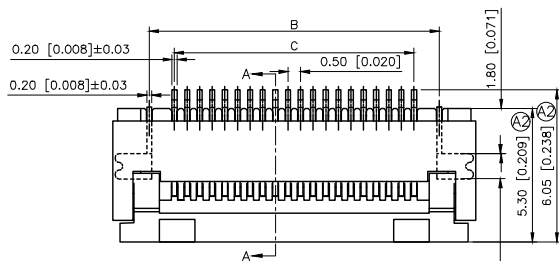
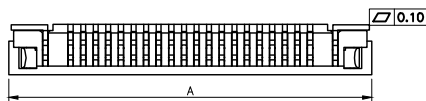
SCALE	PAGE	REVISION
N/A	1/2	A2

1

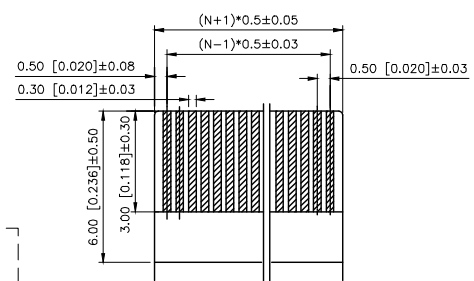
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3

4



SECTION A-A



RECOMMENDED FFC/FPC DIM.

PART NO.:

X05A20 L XX I

Series Name:X05A20=0.50mm Pitch(H:2.00mm)

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 Type

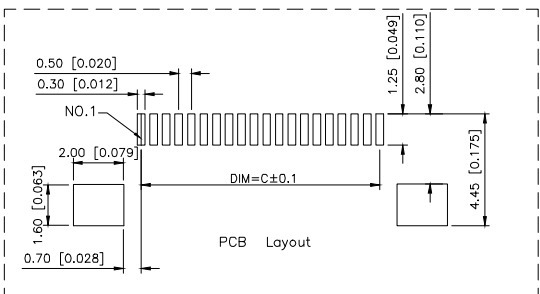
Number of terminals :XX=04-60PIN

Plating :T:Tin Over Nickel

REVISIONS

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A			2025.05.20	
A2	N/A	A2X2		2025.08.20	

NO.OF CKF	DIM.A	DIM.B	DIM.C	DIM.D
04	6.40	3.50	1.50	2.60
06	7.40	4.50	2.50	3.60
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19	13.90	11.00	9.00	10.10
20	14.40	11.50	9.50	10.60
21	14.90	12.00	10.00	11.10
22	15.40	12.50	10.50	11.60
23	15.90	13.00	11.00	12.10
24	16.40	13.50	11.50	12.60
25	16.90	14.00	12.00	13.10
26	17.40	14.50	12.50	13.60
27	17.90	15.00	13.00	14.10
28	18.40	15.50	13.50	14.60
29	18.90	16.00	14.00	15.10
30	19.40	16.50	14.50	15.60
31	19.90	17.00	15.00	16.10
32	20.40	17.50	15.50	16.60
33	20.90	18.00	16.00	17.10
34	21.40	18.50	16.50	17.60
35	21.90	19.00	17.00	18.10
36	22.40	19.50	17.50	18.60
37	22.90	20.00	18.00	19.10
38	23.40	20.50	18.50	19.60
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49	28.90	26.00	24.00	25.10
50	29.40	26.50	24.50	25.60
51	29.90	27.00	25.00	26.10
52	30.40	27.50	25.50	26.60
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55	31.90	29.00	27.00	28.10
57	32.90	30.00	28.00	29.10
60	34.40	31.50	29.50	30.60



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.: X05A20LXXT
APPROVED		SIZE: A4	DWG NO.:
		SCALE	PAGE
		N/A	2/2
		REVISION	A2

XKB INDUSTRIAL PRECISION CO.,LIMITED