

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		凸台形状变更, 图面升级整理图面	2024.12.13	阿树

Poles	A	B	C	D
09	6.50	5.05	4.00	5.88
14	9.00	7.55	6.50	8.38
16	10.00	8.55	7.50	9.38
18	11.00	9.55	8.50	10.38
20	12.00	10.55	9.50	11.38
22	13.00	11.55	10.50	12.38
24	14.00	12.55	11.50	13.38
30	17.00	15.55	14.50	16.38
34	19.00	17.55	16.50	18.38
45	24.50	23.05	22.00	23.88
50	27.00	25.55	24.50	26.38

1.FPC NOT MATING CONDITION BANNED CLOSURE
2.PART NO. LEGEND.

PART NO.:

X05A10 H XX G
① ② ③ ④

- ①Series Name:
X05A10=0.5 mm Pitch(H=1.0mm)
②Assembly 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
③Number of terminals
:XX=09、14、16、18、20、22、24、30、34、45、50PIN
④Plating:G:Gold Flash ;

3.PERFORMANCE:

- 3.1:CURRENT RATING:0.5A/PIN
3.2:VOLTAGE RATING:50V(AC/DC)
3.3:CONTACT RESISTANCE: INITIAL VALUE 100mOHM Max.
3.4:INSULATION RESISTANCE:500MOHM Min.
3.5:DIELERIC WITHSTANDING VOLTAGE:250V AC FOR 1MINUTE
3.6:DURABILT: 20 TIMES Min
3.7:OPERATING TEMPERATURE:-55 ~85
OPERATING HUMIDITY RANGE:90% MAX

4	STATOR	Phosphor Bronze		2
3	TERMINAL	Phosphor Bronze		POSITIONS
2	COVER	LCP UL94V-0	BLACK	1
1	HOUSING	LCP UL94V-0	NATURAL	1
NO. COMPONENTS		MATERIALS	FINISH/COLOR SPECIFICATION	QUANTITY

DESIGN	阿树	VIEW:	MODEL TYPE: FPC CONNECTOR		
CHECKED		UNIT: mm/in	PART NO.: X05A10HXXX		
APPROVED		SIZE: A4	DWG NO.:		
PRECISION CO.,LIMITED			SCALE	PAGE	REVISION
			N/A	1/2	A1

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



XKB INDUSTRIAL PRECISION CO.,LIMITED

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		pin位整合, 图面升级整理图面	2025.07.25	阿树

Poles	A	B	C	D
05	4.50	3.07	2.00	3.89
06	5.00	3.57	2.50	4.39
08	6.00	4.57	3.50	5.39
10	7.00	5.57	4.50	6.39
12	8.00	6.57	5.50	7.39
26	15.00	13.57	12.50	14.39
28	16.00	14.57	13.50	15.39
40	22.00	20.57	19.50	21.39

PART NO.:

X05A10 H XX G
① ② ③ ④

①Series Name:

X05A10=0.5 mm Pitch(H=1.0mm)

②Assembly 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

③Number of terminals :XX=05、06、08、10、12、26、28、40PIN

④Plating:G:Gold Flash ;

3.PERFORMANCE:

3.1:CURRENT RATING:0.5A/PIN

3.2:VOLTAGE RATING:50V(AC/DC)

3.3:CONTACT RESISTANCE: INITIAL VALUE 100mOHM Max.

3.4:INSULATION RESISTANCE:500MOHM Min.

3.5:DIELECTRIC WITHSTANDING VOLTAGE:250V AC FOR 1MINUTE

3.6:DURABILTY: 20 TIMES Min

3.7:OPERATING TEMPERATURE:-55 ~85

OPERATING HUMIDITY RANGE:90% MAX

4	STATOR	Copper alloy		2
3	TERMINAL	Copper alloy		POSITIONS
2	COVER	LCP UL94V-0	BLACK	1
1	HOUSING	LCP UL94V-0	NATURAL	1
NO. COMPONENTS		MATERIALS	FINISH/COLOR SPECIFICATION	QUANTITY

DESIGN	阿树	VIEW: 	MODEL TYPE: FPC CONNECTOR		
CHECKED		UNIT: mm/in	PART NO.: X05A10HXXX		
APPROVED		SIZE: A4	DWG NO.:		
PRECISION CO.,LIMITED			SCALE N/A	PAGE 2/2	REVISION A1

XKB INDUSTRIAL PRECISION CO.,LIMITED

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

