



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

**X05A20 H XX X**  
 ① ② ③ ④

- ① Series Name : X05A20=0.5 mm Pitch(H=2.0mm)
- ② 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
- ③ Number of terminals : XX=04-60PIN
- ④ Plating : G.Gold Flash Over Nickel T.Tin Over Nickel

3. PERFORMANCE:
- 3.1: CURRENT RATING: 0.5A/PIN.
  - 3.2: VOLTAGE RATING: 50V (AC/DC).
  - 3.3: CONTACT RESISTANCE: INITIAL VALUE 30mOHM Max,
  - 3.4: INSULATION RESISTANCE: 500MOHM Min.
  - 3.5: DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR 1MINUTE.
  - 3.6: DURABILITY: 20 TIMES Min.
  - 3.7: OPERATING TEMPERATURE: -40°C ~ +85°C  
OPERATING HUMIDITY RANGE: 20% TO 85%

Pin No.	P/N	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
04		5.50	2.55	1.50	6.10	4.10	3.90	7.10
05		6.00	3.05	2.00	6.60	4.60	4.40	7.60
06		6.50	3.55	2.50	7.10	5.10	4.90	8.10
08		7.50	4.55	3.50	8.10	6.10	5.90	9.10
09		8.00	5.05	4.00	8.60	6.60	6.40	9.60
10		8.50	5.55	4.50	9.10	7.10	6.90	10.10
12		9.50	6.55	5.50	10.10	8.10	7.90	11.10
14		10.50	7.55	6.50	11.10	9.10	8.90	12.10
15		11.00	8.05	7.00	11.60	9.60	9.40	12.60
16		11.50	8.55	7.50	12.10	10.10	9.90	13.10
18		12.50	9.55	8.50	13.10	11.10	10.90	14.10
20		13.50	10.55	9.50	14.10	12.10	11.90	15.10
22		14.50	11.55	10.50	15.10	13.10	12.90	16.10
24		15.50	12.55	11.50	16.10	14.10	13.90	17.10
26		16.50	13.55	12.50	17.10	15.10	14.90	18.10
28		17.50	14.55	13.50	18.10	16.10	15.90	19.10
30		18.50	15.55	14.50	19.10	17.10	16.90	20.10
32		19.50	16.55	15.50	20.10	18.10	17.90	21.10
34		20.50	17.55	16.50	21.10	19.10	18.90	22.10
35		21.00	18.05	17.00	21.60	19.60	19.40	22.60
36		21.50	18.55	17.50	22.10	20.10	19.90	23.10
38		22.50	19.55	18.50	23.10	21.10	20.90	24.10
40		23.50	20.55	19.50	24.10	22.10	21.90	25.10
41		24.00	21.05	20.00	24.60	22.60	22.40	25.60
42		24.50	21.55	20.50	25.10	23.10	22.90	26.10
45		26.00	23.05	22.00	26.60	24.60	24.40	27.60
50		28.50	25.55	24.50	29.10	27.10	26.90	30.10
51		29.00	26.05	25.00	29.60	27.60	27.40	30.60
52		29.50	26.55	25.50	30.10	28.10	27.90	31.10
54		30.50	27.55	26.50	31.10	29.10	28.90	32.10
55		31.00	28.05	27.00	31.60	29.60	29.40	32.60
58		32.50	29.55	28.50	33.10	31.10	30.90	34.10
60		33.50	30.55	29.50	34.10	32.10	31.90	35.10

4	STATOR	BRASS		2
3	TERMINAL	PHOSPHOR BRONZE		POSITIONS
2	COVER	THERMOPLASTIC UL94V-0	BLACK	1
1	HOUSING	THERMOPLASTIC UL94V-0	NATURAL	1
NO	COMPONENTS	MATERIALS	FINISH/COLOR SPECIFICATION	QUANTITY

MARK	DESCRIPTION	DATE	REVISED	APPROVED	UNSPECIFIED TOLERANCES
△X					ANGULAR ±5°
△X					L ≤ 4 ±0.2
△X					4 < L ≤ 16 ±0.3
					16 < L ≤ 63 ±0.4
					L > 63 ±0.5

DSND		DATE		SCALE: N/A	MODEL TYPE: FPC CONNECTOR		
DWN		DATE		VIEW:	PART NO.:		
CHKD		DATE		UNIT: mm	DWG NO.:		
APPD		DATE		SIZE: A4	<b>X05A20HXXX</b>		
KKB INDUSTRIAL PRECISION CO., LIMITED					WEIGHT	SHEET	REVISION
					1.0g	1/1	A0

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