

ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

REV.	DATE	ECN.NO	MODIFY.CONTENT	APPROVER
A0	2017.12.05			JASON

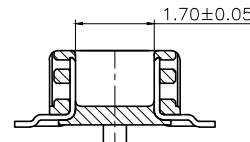
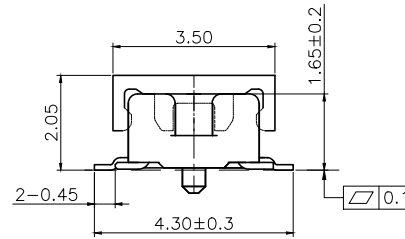
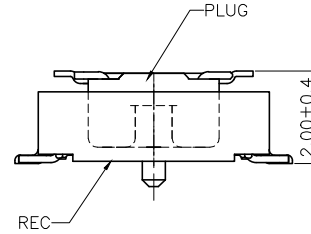
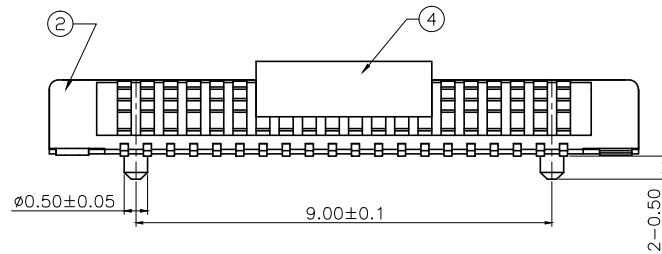
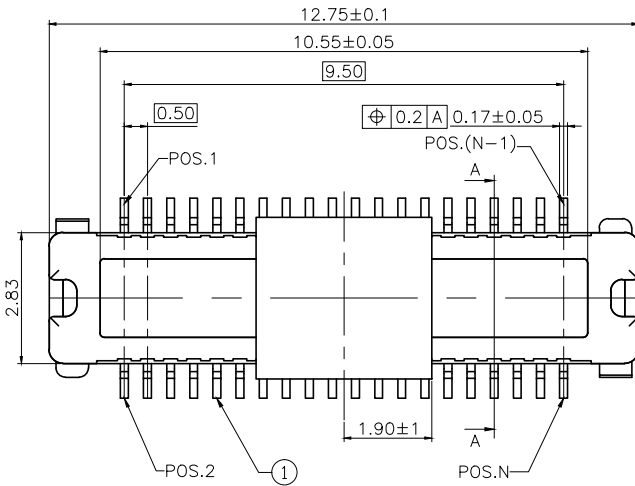
A

B

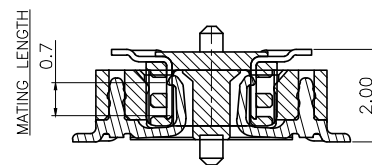
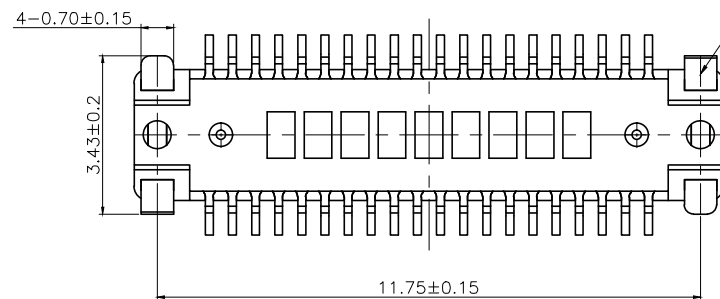
C

D

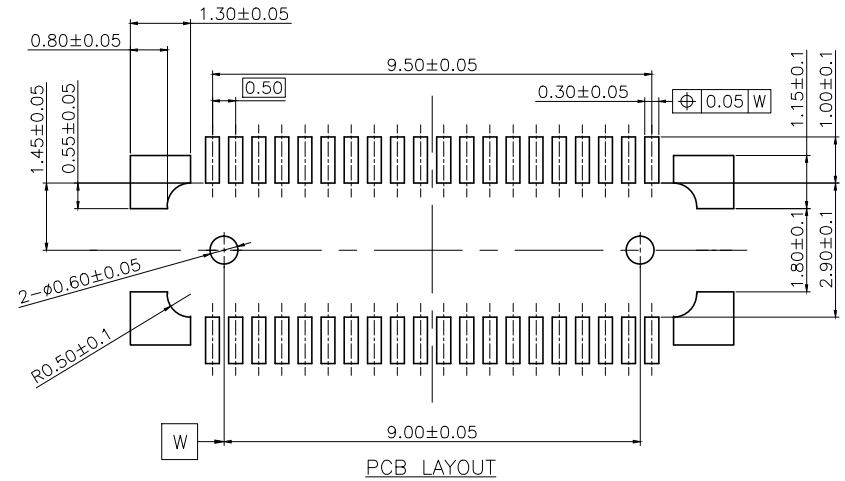
E



SEC A-A



MATING CONDITION



NOTES:

1,MATERIAL:

- 1.1 HOUSING:THERMOPLASTIC,HIGH TEMP,UL94V-0;COLOR:BLACK
- 1.2 CONTACT:COPPER ALLOY
- 1.3 FITTING NAIL:COPPER ALLOY

2,FINISH:

- 2.1 CONTACT:
UNDERPLATING:50~100u" NICKEL OVERALL
FINISH:GOLD PLATED
- 2.2 FITTING NAIL:
UNDERPLATING:50~100u" NICKEL OVERALL
FINISH:MATTE TIN PLATED

3,ELECTRICAL CHARACTERISTICS:

- 3.1 CONTACT CURRENT RATING: 0.5A DC MAX
- 3.2 LOW LEVEL CONTACT RESISTANCE: 40 MILLIOHMS MAX (INITIAL)
60 MILLIOHMS MAX AFTER PHYSICAL AND ENVIRONMENTAL TESTING
- 3.3 DIELECTRIC WITHSTANDING VOLTAGE: 500VAC FOR 1MINUTE.
- 3.4 INSULATION RESISTANCE: 100 MEGOHMS MIN

4,MECHANICAL CHARACTERISTICS:

- 4.1 DURABILITY(MATING CYCLES): 50 CYCLES
- 4.2 CONTACT RETENTION FORCE:100gf MIN PER CONTACT

5,ENVIRONMENT PERFORMANCE:

- 5.1 OPERATING TEMPERATURE RANGE:-40℃ TO +85℃

ITEM	DESCRIPTION	Q,TY
4	CAP	1
3	METAL EAR	2
2	HOUSING	1
1	CONTACT	40

GENERAL TOLERANCE				UNITS	NAME(INTENDED USE)		深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.		
SELECT	TOL	1	2	3	MAT'L	BTB0.5mm 2*20P 单槽 公座	PART NO.(INTENDED USE)	TITLE: BTB0.5mm 2*20P 单槽 公座主体+端子 合高H=2.0mm Molding (带柱)	
X.XXX	±0.15	±0.05	±0.15		FINISH	BTB050040-M1S04203	APPD: JASON	DWG NO.: ATOM-X3750	SCALE
X.XX	±0.25	±0.13	±0.25						
X.X	±0.30	±0.25	±0.50		Q'TY	CHKD: DORIS	DR: DAVID	REV.	A0
X.	±0.38	±0.38	±1.00						
ANGLE	±5°								