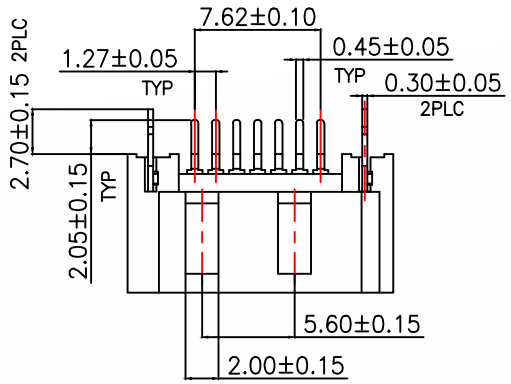
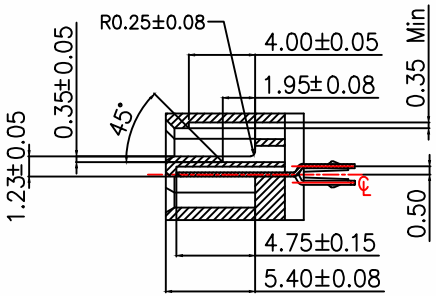
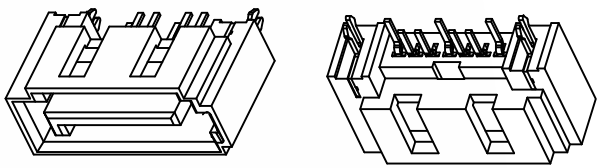
REV.	DESCRIPTION	ECN NO.	NAME	DATE

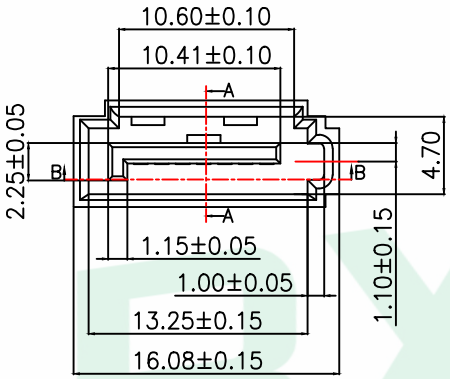


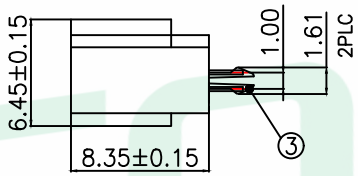


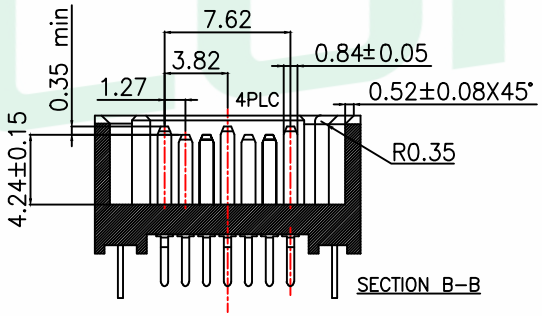
SECTION A-A



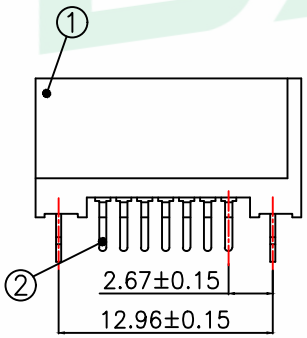
SPECIFICATION:
1.MATERIAL:
HOUSING: LCP 30% G/F UL 94V-0
COLOR:BLACK
CONTACT:BRASS C2680R-H,T=0.25mm
PEG: BRASS C2680R-H,T=0.30mm
2.FINISH:
CONTACT: 1u"~15u"GOLD/TIN PLATING ON CONTACT AREA
100u". TIN PLATING ON SOLDERTAILS
50u".NICKEL UNDERPLATING OVER ALL
PEG: 100u". TIN PLATING ON SOLDERTAILS
50u".NICKEL UNDERPLATING OVER ALL
3.SPECIFICATION:
RATING VOLTAGE:12V AC
RATING CURRENT:1.5AMP
CONTACT RESISTANCE:30mΩ MAX
INSULATION RESUSTANCE:1000MΩ MIN AT500V DC
WITHSTANDING VOLTAGE:AC 500V FOR 1 MINUTE
MATING FORCE:4.59KGF MAX(45N MAX)
EXTRACTION FORCE:1.02KGF MIN(10N MIN)
DURABILITY:500CYCLES
TEMPERATURE RANGE:-20℃ TO +85℃

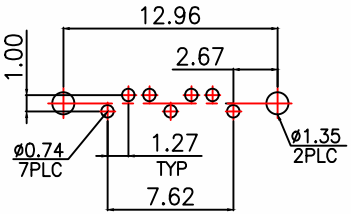






SECTION B-B





RECOMMEND PCB LAYOUT
PCB TOLERANCE:±0.05

环保要求		产品必须符合ROHS要求		
3	Peg	Brass C2680		Tin/Ni Plated
2	Terminal	Brass C2680		Gold/Tin Plated
1	Housing	High Temp	Black	UL 94V-0
NO.	DESCRIPTION	MATERIAL	COLOR	REMARK

GENERAL TOLERANCE					DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD		BXCONN®
DIM.	TOL.				TITLE: SATA 7P 公座 A型 全包开窗 针长2.05 鱼叉侧插式		
.X	±0.30						
.XX	±0.20						
.XXX	±0.05						
GENERAL ANGLE:					DWG. NO.: SATA-07G-01GF	CHECKED: MAX	
.X°	±3°						
.XX°	±2°						
.XXX°	±5°				PART NO.: SATA-07G-01GF	DRAWN: ELLA	
		UNIT: mm	SCALE: none	SHEET: 1 of 1	DWG. SIZE: A4 / LAYER: bxconn	APPROVED: WILL	