

REV.	ECN NO.	APPD.
A	BC-07-7028994	Hao Gu

NOTES:

1. ELECTRICAL CHARACTERISTICS :

- 1-1. CONTACT CURRENT RATING : 1.5 AMPERE.
- 1-2. LOW LEVEL CONTACT RESISTANCE : 30 MILLIOHMS MAX.
- 1-3. DIELECTRIC WITHSTANDING VOLTAGE : 500 V AC MIN.
- 1-4. INSULATION RESISTANCE : 1000 MEGOHMS MIN.

2. MECHANICAL CHARACTERISTICS :

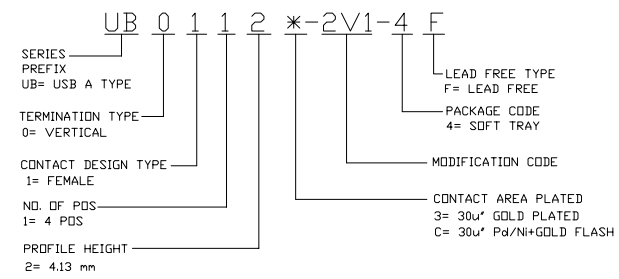
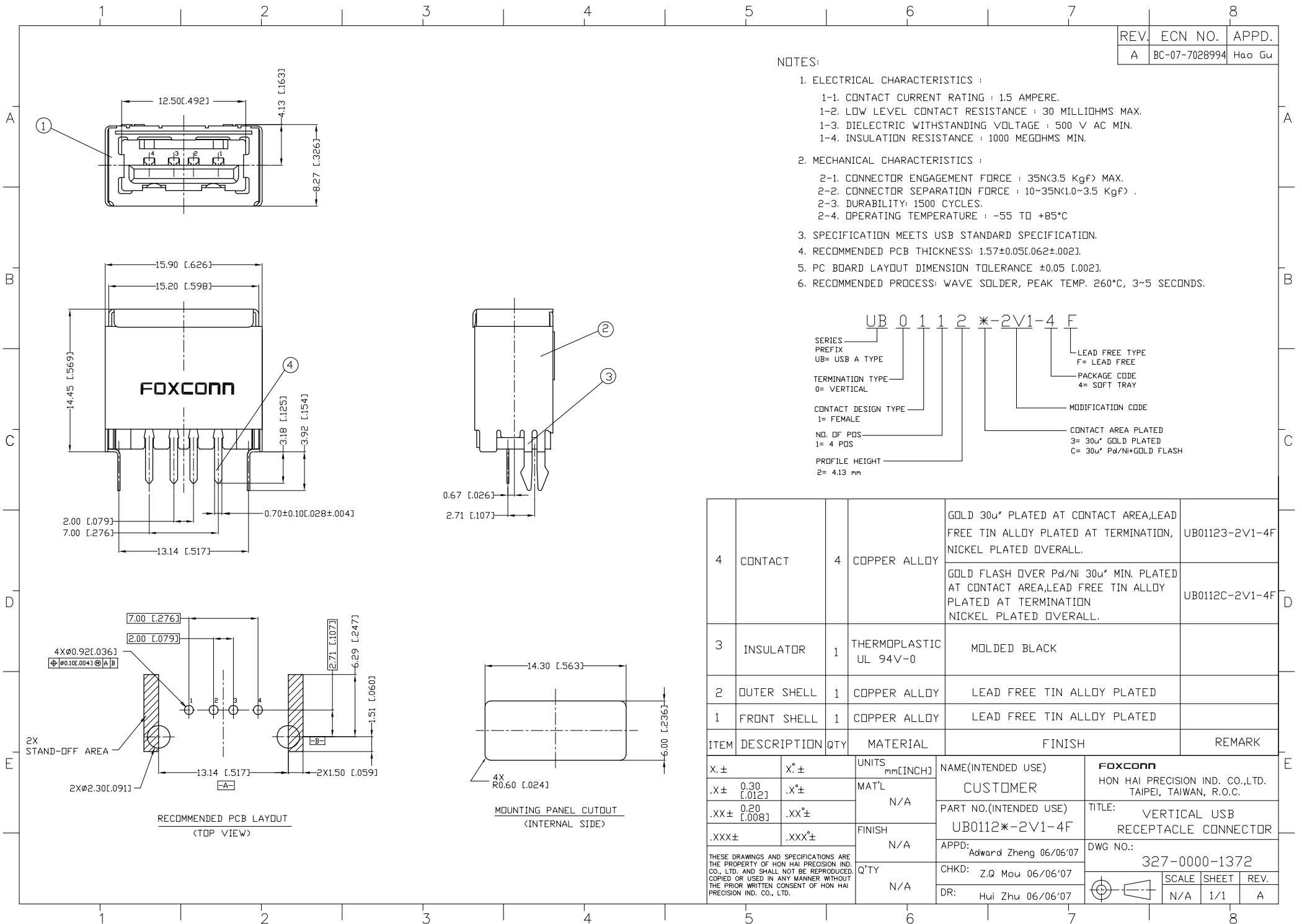
- 2-1. CONNECTOR ENGAGEMENT FORCE : 35N(3.5 KgF) MAX.
- 2-2. CONNECTOR SEPARATION FORCE : 10~35N(1.0~3.5 KgF) .
- 2-3. DURABILITY: 1500 CYCLES.
- 2-4. OPERATING TEMPERATURE : -55 TO +85°C

3. SPECIFICATION MEETS USB STANDARD SPECIFICATION.

4. RECOMMENDED PCB THICKNESS: 1.57±0.05[.062±.002].

5. PC BOARD LAYOUT DIMENSION TOLERANCE ±0.05 [ .002].

6. RECOMMENDED PROCESS: WAVE SOLDER, PEAK TEMP. 260°C, 3~5 SECONDS.



ITEM	DESCRIPTION	QTY	MATERIAL	FINISH	REMARK
4	CONTACT	4	COPPER ALLOY	GOLD 30u" PLATED AT CONTACT AREA, LEAD FREE TIN ALLOY PLATED AT TERMINATION, NICKEL PLATED OVERALL.	UB01123-2V1-4F
				GOLD FLASH OVER Pd/Ni 30u" MIN. PLATED AT CONTACT AREA, LEAD FREE TIN ALLOY PLATED AT TERMINATION NICKEL PLATED OVERALL.	UB0112C-2V1-4F
3	INSULATOR	1	THERMOPLASTIC UL 94V-0	MOLDED BLACK	
2	OUTER SHELL	1	COPPER ALLOY	LEAD FREE TIN ALLOY PLATED	
1	FRONT SHELL	1	COPPER ALLOY	LEAD FREE TIN ALLOY PLATED	

X. ±	X° ±	UNITS	NAME (INTENDED USE)	FOXCONN
.X ± 0.30 [ .012 ]	.X° ±	mm [ INCH ]	CUSTOMER	HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.XX ± 0.20 [ .008 ]	.XX° ±	N/A	PART NO. (INTENDED USE)	TITLE: VERTICAL USB RECEPTACLE CONNECTOR
.XXX ±	.XXX° ±	FINISH	UB0112*-2V1-4F	APPD: Adward Zheng 06/06/07
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			DR: Hui Zhu 06/06/07	DWG NO.: 327-0000-1372
				SCALE SHEET REV. N/A 1/1 A