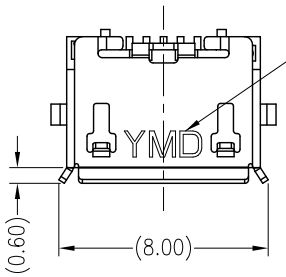
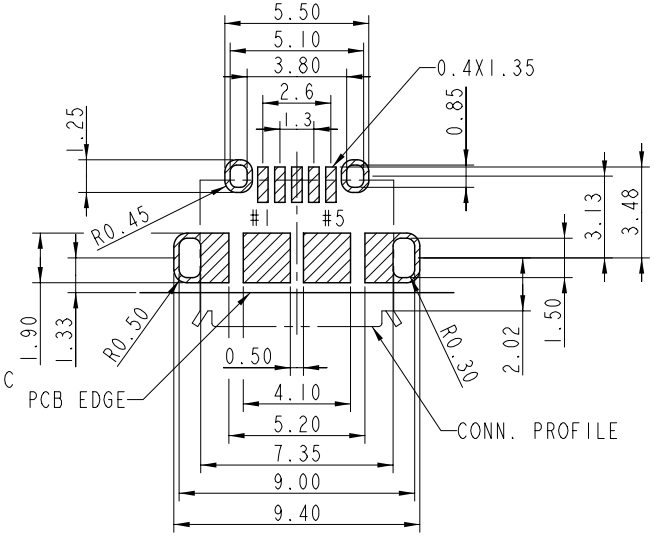
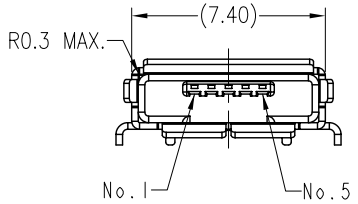
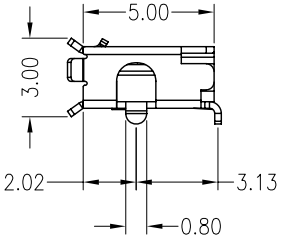
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	R.YUAN	2009.04.22

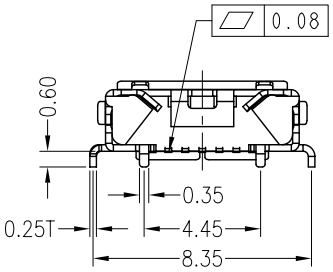


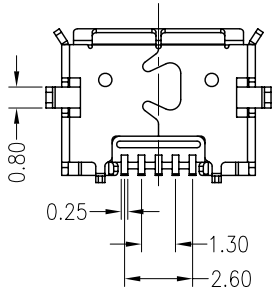


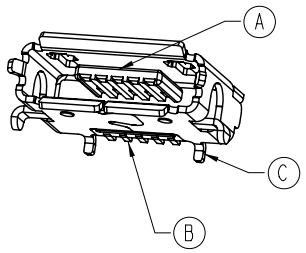
RECOMMENDED PCB LAYOUT
TOP VIEW, TOL ±0.05











SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
1-1. CURRENT RATING: 1.8A (Pin1/5), 1A(Pin2/3/4)
1-2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL), 40mΩ MAX.(FINAL)
1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
1-4. INSULATION RESISTANCE: 1000MΩ INITIAL MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
2-1. INSERTION FORCE: 35N OR 3.6 KGF MAX.
2-2. WITHDRAWAL FORCE: 8N OR 0.8 KGF MIN.
3. LIFE TEST: 12,000 CYCLES
4. OPERATING TEMP. RANGE: -30°C ~ +85°C
5. OTHER GENERAL SPEC. TO REFER TO "2UB1000 SERIES PRODUCT SPEC."
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: ◎
8. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
9. FOR 260°C 10 SEC REFLOW SOLDERING LEAD-FREE PROCESS
10. P/N DESCRIPTION:
2UB2002-000111
- 1: PACKAGE: TAPE AND REEL
- 1: HOUSING COLOR: GRAY
- 1: CONTACT FINISH: 30u" MIN GOLD

11. D/C DESCRIPTION:
YMD
- D: DAY
- M: MONTH
- Y: YEAR

12. PLUG INTERFACE DIMENSIONS COMFORM TO USB 2.0 SPEC.
13. AS FOR THE PART C, ITS PERFORMANCE REMAINS GOOD EVEN WITH SCRATCHES AFTER THE ASSEMBLY PROCESS.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
C	SHELL	1	STAINLESS STEEL 0.25T	TIN
B	CONTACT	5	COPPER ALLOY 0.15T	30u" Au ON CONTACT AREA, 2u" Au ON SOLDER TAIL, Ni 80u"
A	HOUSING	1	HI-TEMP. THERMO-PLASTIC UL94V-0	GRAY COLOR

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	MICRO USB AB TYPE RECEPTACLE		
DWN	R.YUAN 2009.04.22	PART NO. 2UB2002-000111	
CHKD		SCALE 5:1	UNIT: mm
APVD	R.LUO 2009.04.22	SIZE: A3	SHEET:1 OF 1 REV: A

CUSTOMER COPY

文件編號 RD-06-043-A