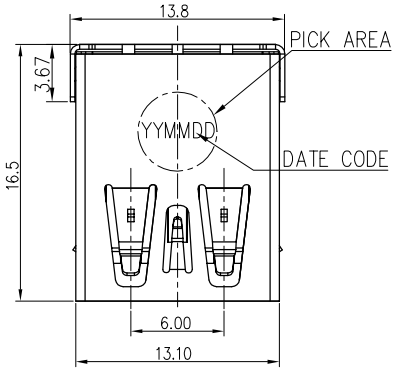
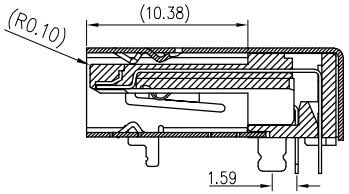
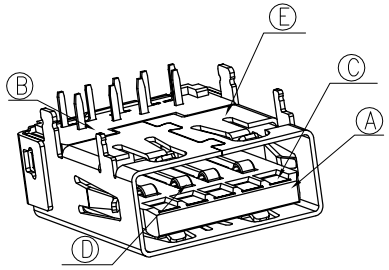
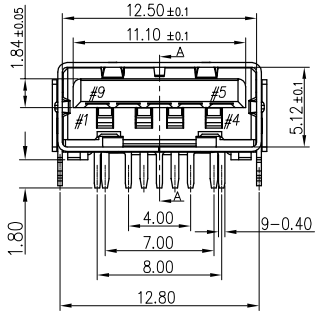
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Cheney	19.03.04

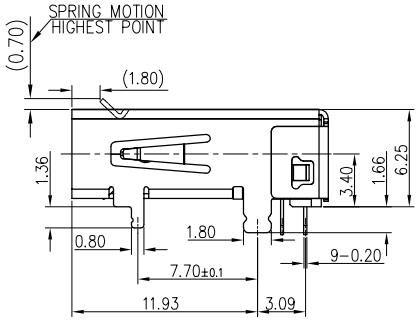


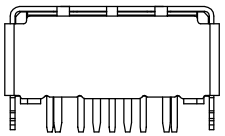


SECTION A–A



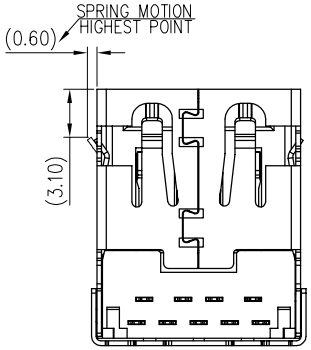


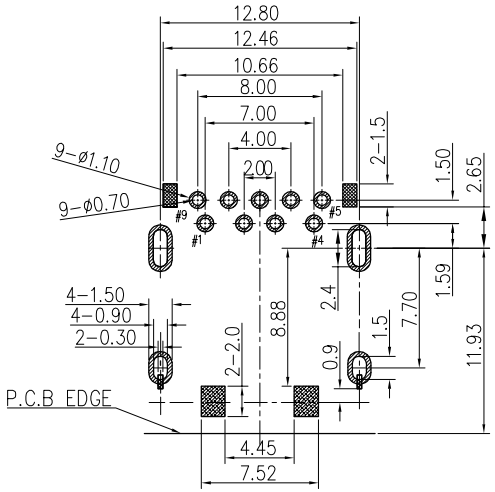




SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1–1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
   1–2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
   1–3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR 1 MINUTE
   1–4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. MECHANICAL CHARACTERISTICS:
   2–1. INSERTION FORCE : 35N MAX. INITIAL.
   2–2. WITHDRAWAL FORCE : 9.8N MIN INITIAL, 8N MIN, FOR AFTER TEST.
3. LIFE TEST: 5000 CYCLES
   3–1.OPERATING TEMPERATURE:–55°~+85°C
4. OTHER GENERAL SPEC TO REFER "2UB2Y90 SERIES SPEC"
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK :◎
7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR IR REFLOW ROFILE,PEAK TEMPERATURE:260°C MAX.10SECS.
9. PACKAGING : TAPE & REEL.





STAND OFF
SPRING TIP AREA(HOLE)
PAD

RECOMMENDED P.C.B. LAYOUT

TOLERANCE (TOP VIEW) ±0.05mm

PIN NO.:	SIGNAL NAME
1	VBUS
2	D–
3	D+
4	GND
5	SSRX–
6	SSRX+
7	GND_DRAIN
8	SSTX–
9	SSTX+

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	SHELL	1	STAINLESS STEEL T=0.30	NICKEL PLATING
D	4P TERMINAL	4	COPPER ALLOY T=0.20	Au 30u"MIN. ON CONTACT AREA, MATTE Sn 100u"MIN. ON SOLDER TAIL, ALL OVER NICKEL PLATING
C	5P TERMINAL	5	COPPER ALLOY T=0.20	
B	BLOCK	1	HIGH TEMPERATURE PLASTIC UL94V–0	BLACK
A	HOUSING	1		

UNLESS OTHERWISE SPECIFIED 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	USB 3.1 CONNECTOR		
DWN	Nanlin–Chen 19/03/07	PART NO.2UB2Y90–332111F	
CHKD	Qicai–Hu 19/03/07	SCALE 1:1	UNIT: mm
APVD	clint–lin 19/03/07	SIZE: A3	SHEET: 1OF1 REV:A

CUSTOMER COPY

RD–06–043–A