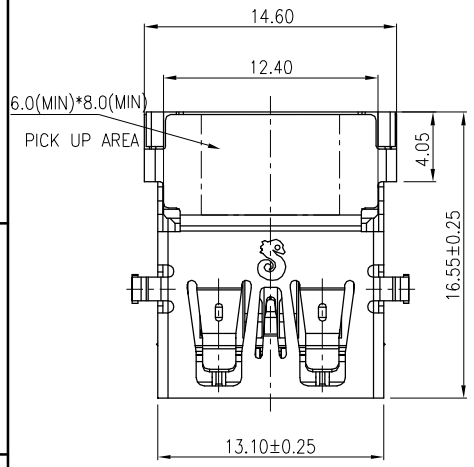
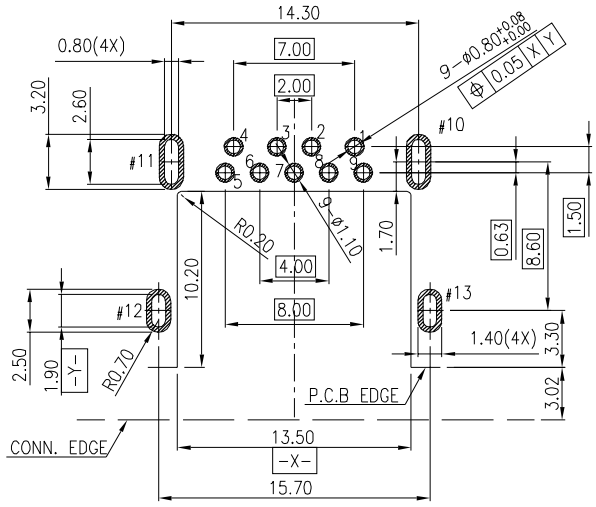
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN NO:S170911-C	He	2017.10.26
C	ECN NO:S170954-R	Chensong	2017.12.15
D	ECN NO:S181013-R	Chensong	2019.01.21

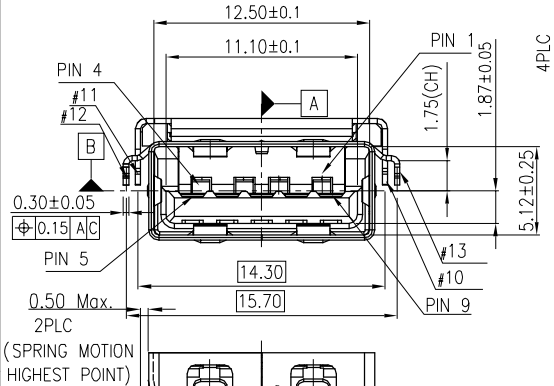


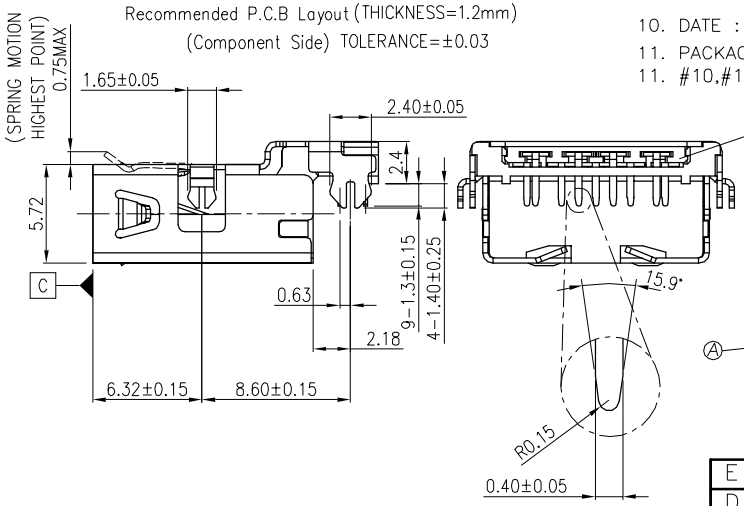


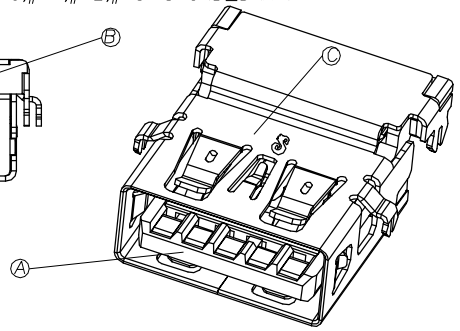
Recommended P.C.B Layout (THICKNESS=1.2mm)
(Component Side) TOLERANCE=±0.03

SPECIFICATIONS:

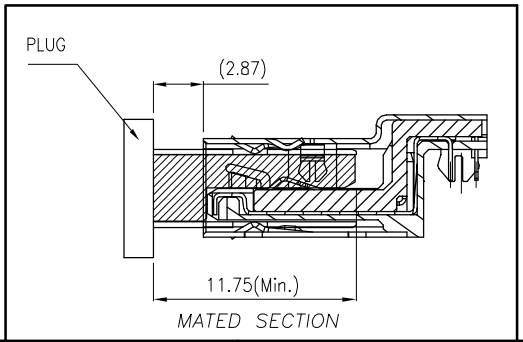
1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
   1-2. CONTACT RESISTANCE: 30mΩ MAX.(PIN1,4) 50mΩ MAX.(OTHER PIN)
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
   1-4. INSULATION RESISTANCE: 100MΩ MIN .
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE : 3.5 Kgf MAX.
   2-2. WITHDRAWAL FORCE : 1.0~3.5Kgf
   INITIAL : 1.0~3.5Kgf.
   TEST AFTER : 0.80~3.5Kgf.
3. DURABILITY: 5,000 CYCLES.
4. MEET USB3.0 STANDARD SPECIFICATION.
5. RECOMMENDED PROCESS: WAVE SOLDER,265±5°C,3-5 SECONDS.
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN PRODUCT IDENTIFICATION MARK ON JACK:
8. HALOGEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
9. FOR IR REFLOW
10. DATE : YYMMDD-
11. PACKAGING : TAPE&REEL
11. #10,#11,#12,#13 IS GND_DRAIN







3D VIEW



MATED SECTION

REMARK	Pin Number	Signal NAME
USB2.0 CONTACT PIN	1	VBUS
	2	D-
	3	D+
	4	GND
USB3.0 CONTACT PIN	5	StdA_SSRX-
	6	StdA_SSRX+
	7	GND_DRAIN
	8	StdA_SSTX-
	9	StdA_SSTX+

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	TERMINAL	5	C2680-H 0.2T	GOLD FLASH ON CONTACT AREA, 100u"(Min.)MATTE SN PLATED ON SOLDERING 60u"(Min.)NICKEL UNDER PLATING OVERALL
D	TERMINAL	4	C5210-EH 0.2T	
C	SHELL	1	SUS304-1/2H 0.3T	NICKEL 60u"MIN
B	BASE	1	PA10T VICNYL R630NH	BLUE 300C
A	HOUSING	1	BK003 ULV-0 (無鹵)	BLUE 300C

UNLESS OTHERWISE SPECIFED TOLERANCES

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

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

TITLE	USB 3.0 REVERSE CONNECTOR		
DWN	Chensong	PART NO.2UB4008-390101F	
CHKD		SCALE 1:1	UNIT: mm
APVD		SIZE: A3	SHEET:1 OF 1 REV: D

CUSTOMER COPY

文件編號: RD-06-043-A