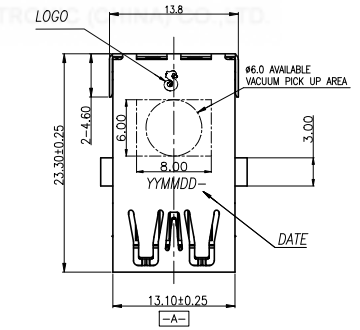
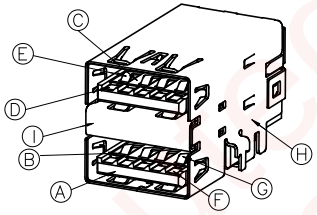
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T161118-4A/4B	Eileen	2017.05.02



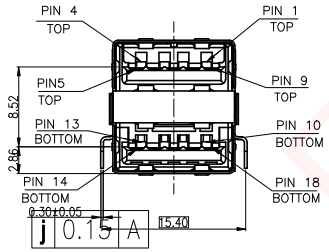


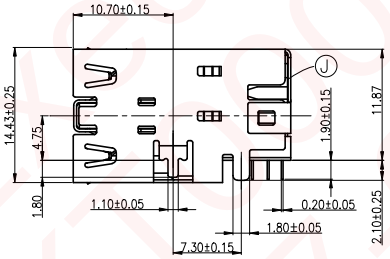
3D VIEW

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 1.8A (PIN1,4;PIN10,13) ; OTHER CONTACTS 0.25A
   - 1-2. CONTACT RESISTANCE: 40mΩ MAX.FOR VBUS AND GND(PIN1,4;PIN10,13) 50mΩ MAX.(FOR OTTHER PIN)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
   - 1-4. INSULATION RESISTANCE: 100M MIN
   - 1-5. SHELL-1 SHOULD CONTACT WITH SHELL-2
   - 2-1. INSERTION FORCE : 3.5 Kgf MAX
2. MECHANICAL CHARACTERISTICS:
   - INITIAL : 1.0 Kgf MIN, 3.5 Kgf MAX
   - TEST AFTER : 0.8 Kgf MIN, 3.5 Kgf MAX
3. DURABILITY: 5,000 MATING CYCLES.
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
7. FOR IR REFLOW PROCESS.
8. DATE : YYMMDD
9. PACKAGING : TAPE & REEL.

Pin Number		Signal ASSIGNMENT
PIN 10	PIN 1	VBUS
PIN 11	PIN 2	D-
PIN 12	PIN 3	D+
PIN 13	PIN 4	GND
PIN 14	PIN 5	StdA_SSRX-
PIN 15	PIN 6	StdA_SSRX+
PIN 16	PIN 7	GND_DRAIN
PIN 17	PIN 8	StdA_SSTX-
PIN 18	PIN 9	StdA_SSTX+





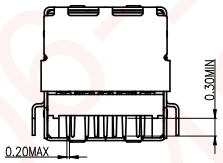
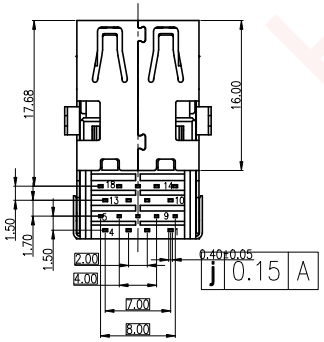
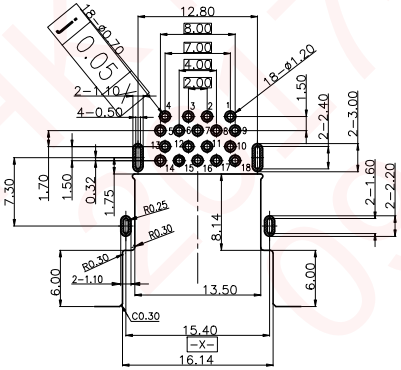


TABLE:

PART NO	PLATING
2UB3902-007101F	GOLD FLASH
2UB3902-008101F	Au 30u"





RECOMMENDED PC. BOARD LAYOUT

PCB THICKNESS=1.60mm
(TOP VIEW)(TOL.±0.05)

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	MYLAR	1	KAPTON	9.7mm*5mm*0.3mm
I	SHELL-2	1	STAINLESS STEEL	BLACK NICKEL 60uin MIN
H	SHELL-1	1	STAINLESS STEEL	NICKEL 60uin MIN
G	BOTTOM TERMINAL(4PIN)	4	COPPER ALLOY	"SEE TABLE" PLATING ON CANTACT AREA MATT TIN 100uin MIN ON SOLDER TAIL AREA OVERALL 50uin NICKEL UNDER PLATING
F	BOTTOM TERMINAL 5PIN	5	COPPER ALLOY	
E	TOP TERMINAL 4PIN	4	COPPER ALLOY	
D	TOP TERMINAL 5PIN	5	COPPER ALLOY	
C	BASE-2	1	THERMOPLASTIC	RED (186C)
B	BASE-1	1	THERMOPLASTIC	RED (186C)
A	HOUSING	1	THERMOPLASTIC	RED (186C)

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.50, X.X :±0.30, X.XX :±0.20

ANGLES: X :±2°, X.X :±1°

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

TITLE	USB 3.0 CONNECTOR			
DWN	Eileen	PART NO.2UB3902-00X101F		
CHKD	James	SCALE 1:1	UNIT: mm	
APVD	Boye	SIZE: A3	SHEET:1 OF 1	REV:A

CUSTOMER COPY

文件編號:-06-043-A