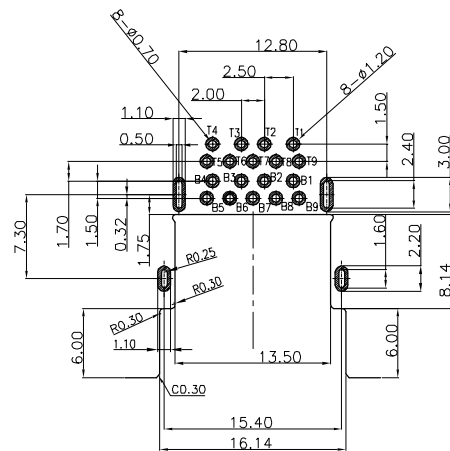
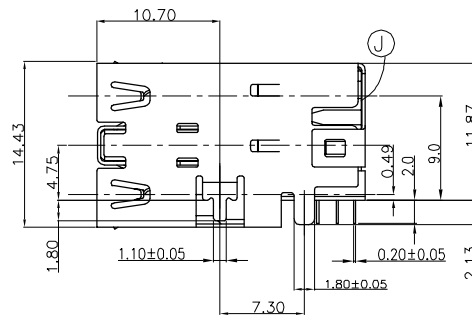
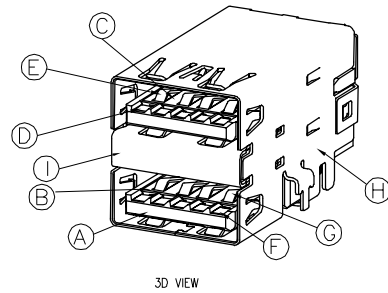
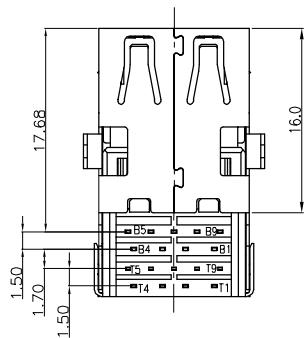
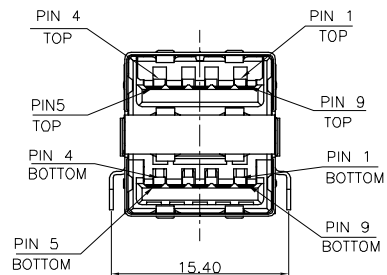
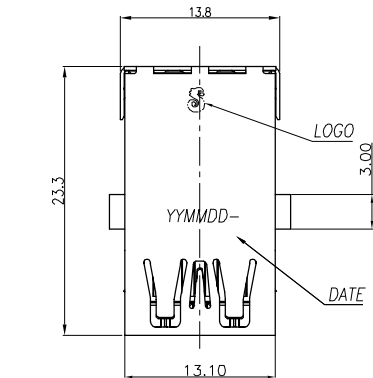
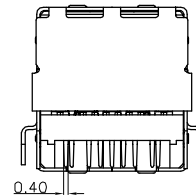


F
E
D
C
B
A



RECOMMENDED PC. BOARD LAYOUT

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



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
1-2. CONTACT RESISTANCE: 40mΩ MAX.FOR VBUS AND PGND(B1 PIN&B4 PIN)
50mΩ MAX.(FOR OTTHER PIN)
1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
1-4. INSULATION RESISTANCE: 100MΩMIN
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 WAVE SOLDERING LEAD-FREE PROCESS.
8. DATE : YYMMDD
9. PACKAGING : TAPE & REEL.

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T110914-1A	ERIC-WU	2011.04.09
B	ECN NO:S130359	SEAN	2013.07.26
C	ECN NO:S170439-C	peng	2017.06.12

Pin Number	Signal ASSIGNMENT
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GND
PIN 5	StdA_SSRX-
PIN 6	StdA_SSRX+
PIN 7	GND_DRAIN
PIN 8	StdA_SSTX-
PIN 9	StdA_SSTX+

J	MYLAR	1	KAPTON	9.7mm*5mm*0.3mm
I	SHELL-2	1	STAINLESS STEEL	
H	SHELL-1	1	STAINLESS STEEL	NICKEL 60µin MIN
G	BOTTOM TERMINAL(4PIN)	4	COPPER ALLOY	GOLD FLASH PLATING ON CANTACT AREA MATT TIN 100µin MIN ON SOLDER TAIL AREA OVERALL 50µin 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	BLUE(300C)
B	BASE-1	1	THERMOPLASTIC	BLUE(300C)
A	HOUSING	1	THERMOPLASTIC	BLUE(300C)
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS: ANGLES:				
X :±0.50 X :±2°				
X.X :±0.30 X.X :±1°				
X.XX :±0.20				
TITLE		USB 3.0 CONNECTOR		
DWN	peng	PART NO.2UB3902-000101F		
CHKD	james	SCALE 1:1	UNIT: mm	Ⓢ
APVD	boye	SIZE: A3	SHEET:1 OF 1	REV:C
CUSTOMER COPY				