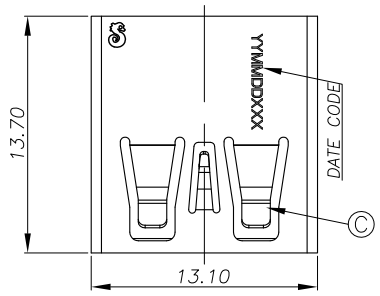
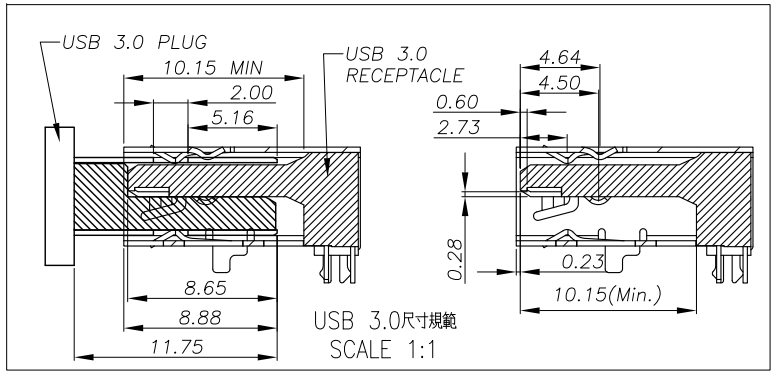
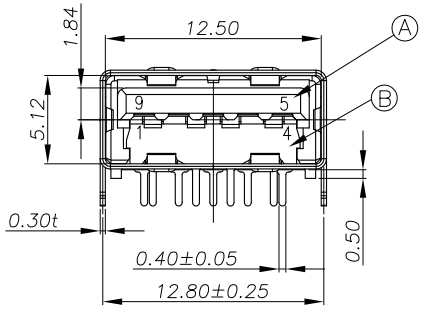
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:C140730-4A	ERIC	2014.10.21
B	ECN NO:S150104	SEAN	2015.03.19

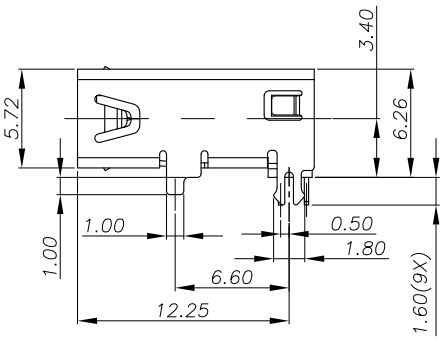


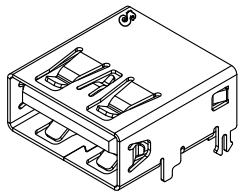


SPECIFICATIONS:

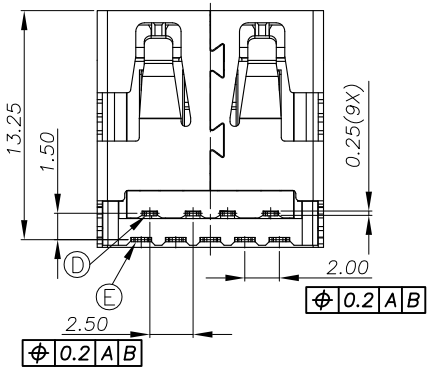
1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
   - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
   - 1-4. INSULATION RESISTANCE: 100MΩ MIN
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE : 3.5 Kgf MAX
   - 2-2. WITHDRAWAL FORCE : 1.0 Kgf MIN
3. DURABILITY: 5,000 CYCLES.
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE IDENTIFICATION MARK IN JACK: ◎
6. HALOGEN FREE IDENTIFICATION LABEL ON PACKAGING:
7. FOR WAVE SOLDERING LEAD-FREE PROCESS.
8. PACKAGING : TAPE & REEL.
9. DATE : YYMMDDXXX
   - 班別識別碼

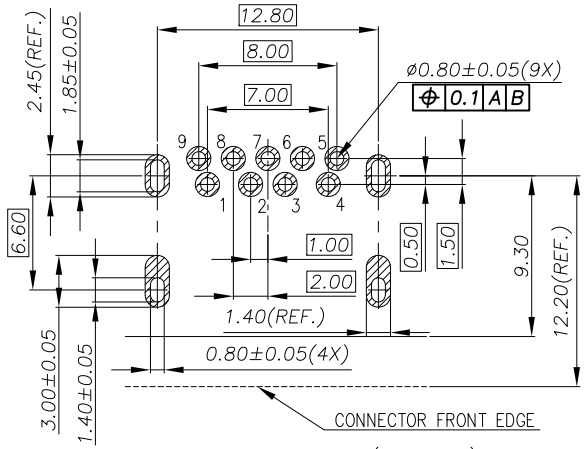






Pin Number	Signal ASSIGNMENT
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GND
PIN 5	StdA_SSRX-
PIN 6	StdA_SSRX+
PIN 7	GND_DRAIN
PIN 8	StdA_SSTX-
PIN 9	StdA_SSTX+





Recommended P.C.B Layout (THK:1.0mm)
(Component Side) TOLERANCE=±0.03 TOP VIEW

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	TERMINAL	5	COPPER ALLOY	2u"Au OVER 30u"Pd/Ni PLATED ON MATING AREA, 120u" Sn PLATED ON SOLDERING 80u"NICKEL UNDER PLATING OVERALL
D	TERMINAL	4	COPPER ALLOY	2u"Au OVER 30u"Pd/Ni PLATED ON MATING AREA, 120u" Sn PLATED ON SOLDERING 80u"NICKEL UNDER PLATING OVERALL
C	SHELL	1	STAINLESS STEEL	NICKEL 60u"MIN
B	BASE	1	THERMOPLASTIC	GREEN
A	HOUSING	1	THERMOPLASTIC	GREEN

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 CONNECTOR			
DWN	SEAN	PART NO.2UB4006-400301F		
CHKD	CERRY	SCALE 1:1	UNIT: mm	
APVD	LIAO	SIZE: A3	SHEET:1 OF 1	REV:B

CUSTOMER COPY

文件編號 RD-06-043-A