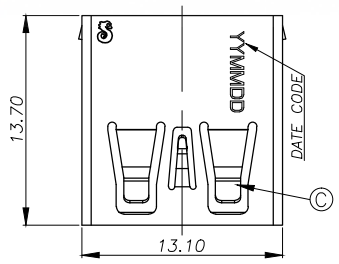
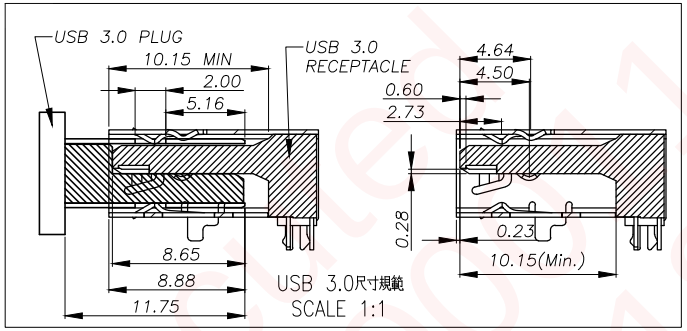
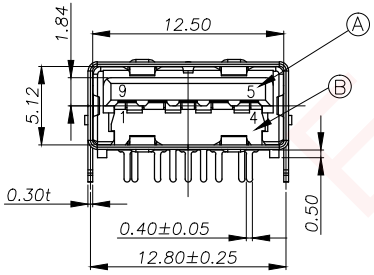
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Duke	2013.09.02
B	ECN NO:S150812-C ⚠B	Peng	2015.9.09

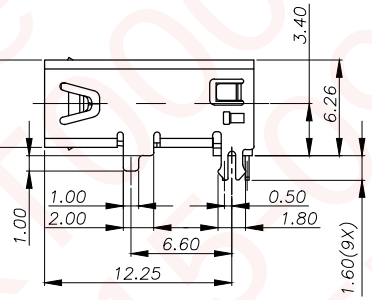


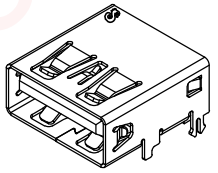


SPECIFICATIONS:

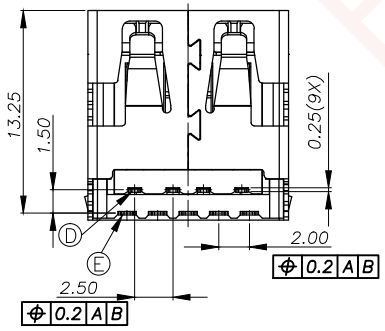
1. ELECTRICAL CHARACTERISTICS:
   1-1. CURRENT RATING: 1.8A (PIN1,4) ; OTHER CONTACTS 0.25A
   1-2. CONTACT RESISTANCE: 30mΩ MAX.
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE
   1-4. INSULATION RESISTANCE: 100MΩ MIN
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE : 3.5 Kgf MAX
   2-2. WITHDRAWAL FORCE : 1.0 Kgf MIN(INITIAL),0.8 Kgf MIN(AFTER TEST)
3. DURABILITY: 5,000 CYCLES.
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
5. HALOGEN FREE IDENTIFICATION MARK ON JACK: ◎
6. HALOGEN FREE IDENTIFICATION LABEL ON PACKAGING:
7. FOR IR REFLOW PROCESS AT 255°C MAX FOR 20 SEC MIN. ⚠B
8. DATE : YYMMDD
9. PACKAGING : TAPE & REEL.

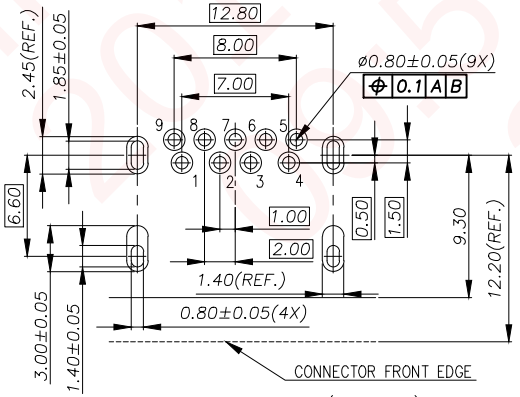






Pin Number	Signal ASSIGNMENT
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GND
PIN 5	StdA_SSRX-
PIN 6	StdA_SSRX+
PIN 7	GND_DRAIN
PIN 8	StdA_SSTX-
PIN 9	StdA_SSTX+





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

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	TERMINAL	5	C2680-H T0.25	2u"Au OVER 30u"Pd/Ni PLATED ON MATING AREA, 120u" Sn PLATED ON SOLDERING 80u"NICKEL UNDER PLATING OVERALL
D	TERMINAL	4	C5210-EH T0.25	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	PA-9T+45%GF 94-V0	BLUE
A	HOUSING	1	PA-9T+45%GF 94-V0	BLUE

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5 X.X :±0.4 X.XX :±0.3
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	peng	PART NO.2UB4006-400201F		
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