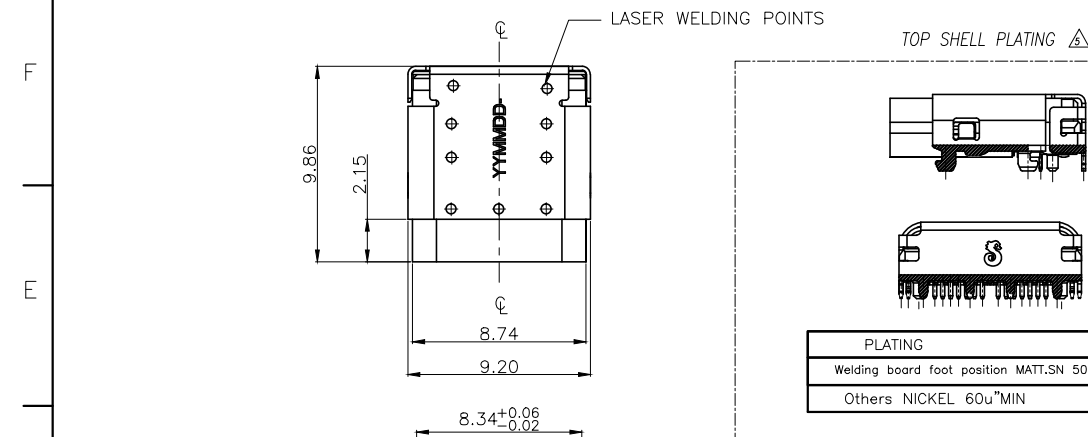


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:150205-3A	ERIC-WU	2018.03.20



PLATING	
Welding board foot position MATT.SN 50u"	7
Others NICKEL 60u"MIN	2

#### SPECIFICATIONS:

##### 1. ELECTRICAL CHARACTERISTICS:

- 1-1. LLCR:  
VBUS & GND PINS: 40mΩ /PIN MAX.  
OTHER PINS: 40mΩ /PIN MAX.  
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- 1-2. CURRENT RATING: 3.0 A Max.
- 1-3. VOLTAGE RATING: 5.0 V.
- 1-4. INSULATION RESISTANCE: 100MΩ MIN.
- 1-5. ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -55°C~+85°C.

##### 2. MECHANICAL CHARACTERISTICS:

- 2-1. MATING FORCE : 0.5~2.0 Kgf.
- 2-2. UNMATING FORCE : 0.8~2.0 Kgf.

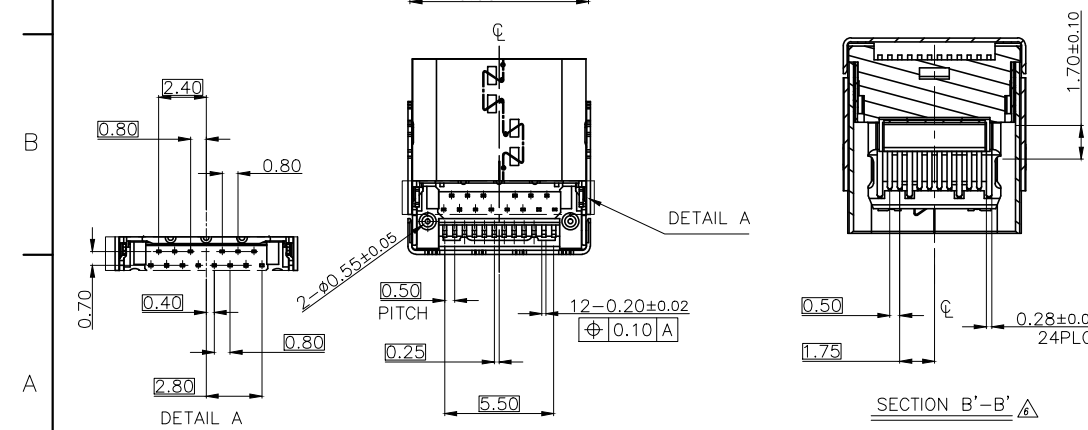
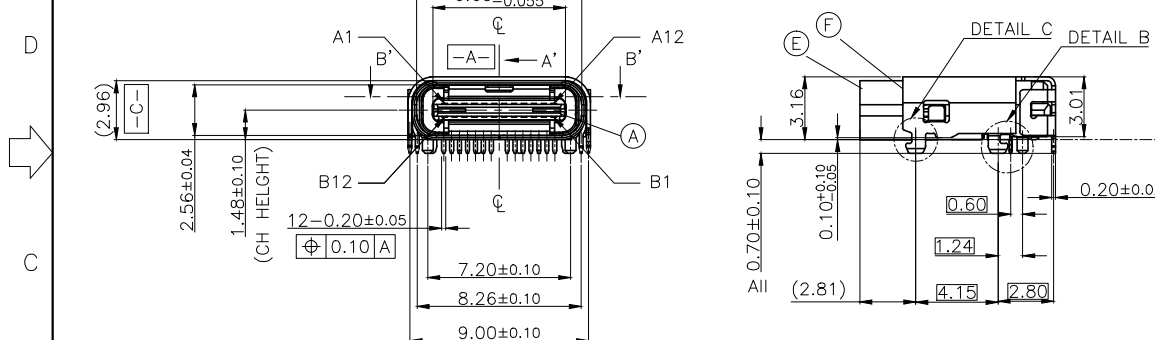
##### 3. LIFE TEST: 10000 CYCLES MIN.

##### 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 REFLOW SOLDERING LEAD-FREE PROCESS.



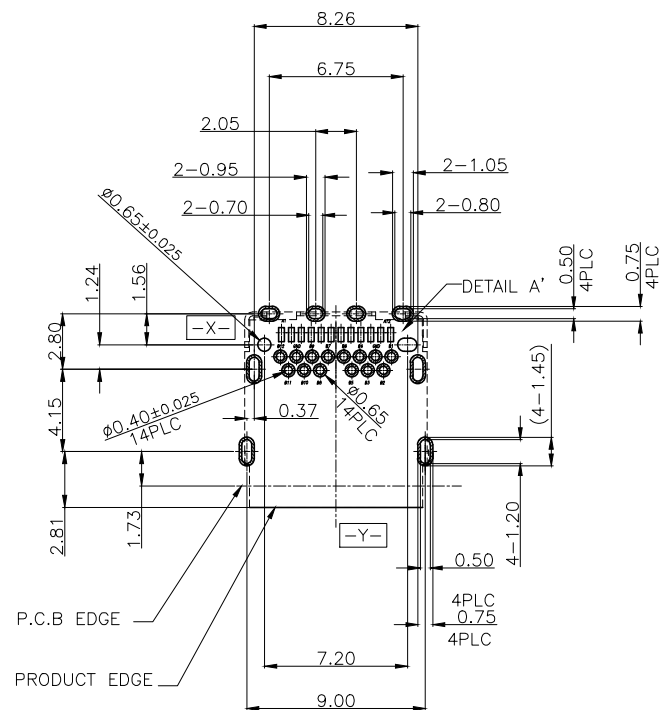
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	TOP SHELL	1	SUS304,T=0.20	Welding board foot position MATT. SN 50u" MIN.Others Ni,60u"MIN
E	SHELL	1	SUS304,T=0.20	NICKEL 60u"MIN
D	MATE GROUND	1	SUS304,T=0.10	N/A
C	MID GROUND	1	SUS304,T=0.15	NICKEL 60u"MIN
B	CONTACT	24	C7035 T=0.12	Au 2u"±30u" Pd/Ni PLATED ON CONTACT AREA; Matt. Sn 100u" Min.PLATED ON SOLDERING 60u" NICKEL UNDER PLATING OVERALL
A	BODY	1	LCP 6808U	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES	Singatron Enterprise Co., Ltd. 信音企業股份有限公司
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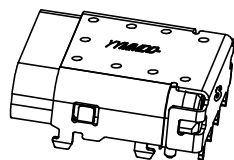
DECIMALS:	ANGLES:	TITLE	USB TYPE -C FULL FEATURE CONN. TOP-MOUNT RECEPTACLE HYBRID TH AND SMT RIGHT ANGLE
X :±0.5	X :±2°	DWN ERIC	PART NO: 2UB3C01-004111F
X.X :±0.3	X.X :±1°	CHKD BOYE	SCALE:4:1 UNIT: mm
X.XX :±0.2		APVD LIAO	SIZE: A3 SHEET:1 OF 2 REV:A

CUSTOMER COPY

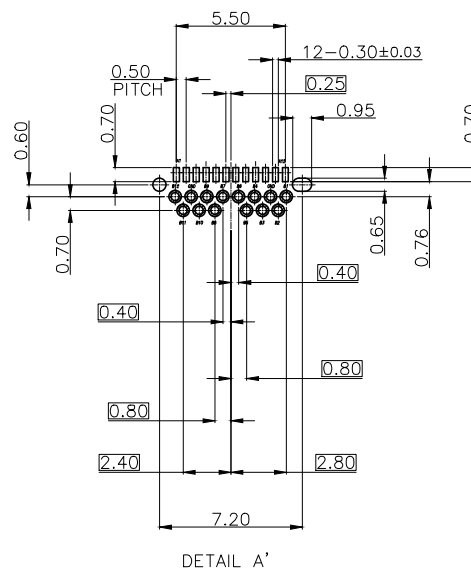
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:150205-3A	ERIC-WU	2018.03.20



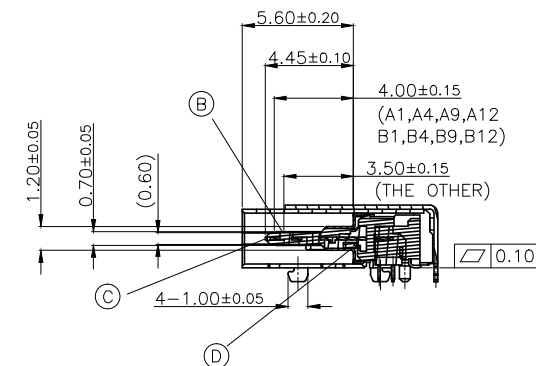
RECOMMENDED P.C.B LAYOUT(TOP VIEW)  
TOLERANCE=±0.05(THK: 1.6mm)



3D VIEW






DETAIL A'



SECTION A'-A'

USB TYPE-C PIN ASSIGNMENTS:

NO.	PIN NUMBER	SIGNAL NAME	NO.	PIN NUMBER	SIGNAL NAME
1	A1	GND	13	B12	GND
2	A2	SSTXp1	14	B11	SSRXp1
3	A3	SSTXn1	15	B10	SSRXn1
4	A4	VBUS	16	B9	VBUS
5	A5	CC1	17	B8	RFU2
6	A6	Dp1	18	B7	Dn2
7	A7	Dn1	19	B6	Dp2
8	A8	RFU1	20	B5	CC2
9	A9	VBUS	21	B4	VBUS
10	A10	SSRXn2	22	B3	SSTXn2
11	A11	SSRXp2	23	B2	SSTXp2
12	A12	GND	24	B1	GND

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES			Singatron Enterprise Co., Ltd. 信音企業股份有限公司	
DECIMALS:	ANGLES:		TITLE	
		USB TYPE -C FULL FEATURE CONN. TOP-MOUNT RECEPTACLE HYBRID TH AND SMT RIGHT ANGLE		
X :±0.5	X :±2°	DWN	ERIC	PART NO: 2UB3C01-004111F
X.X :±0.3	X.X :±1°	CHKD	BOYE	SCALE:4:1 UNIT: mm 
X.XX :±0.2		APVD	LIAO	SIZE: A3 SHEET:2 OF 2  REV:A
CUSTOMER COPY				