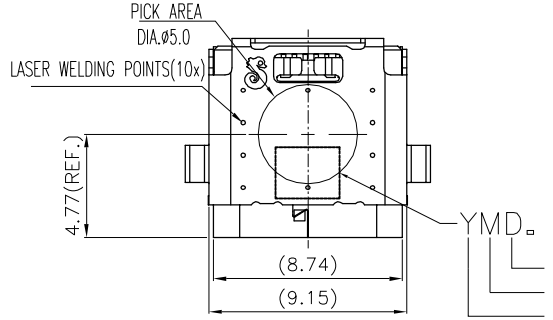
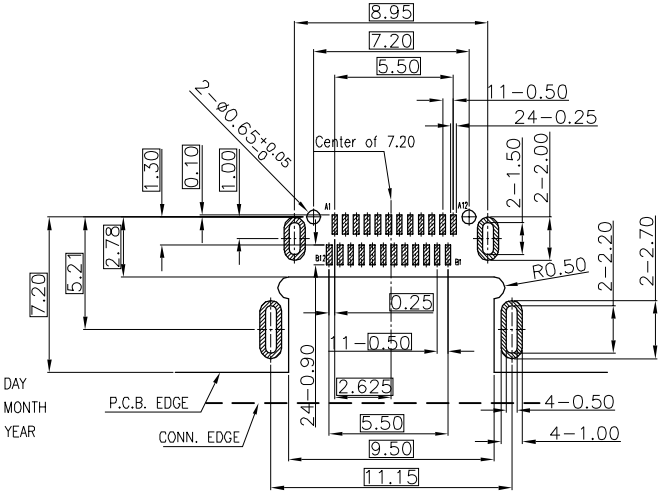
PIN ASSIGNMENT(Front)											
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1−	Vbus	CC1	D+	D−	SBU1	Vbus	RX2−	RX2+	GND
GND	RX1+	RX1−	Vbus	SBU2	D−	D+	CC2	Vbus	TX2−	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.:T180223-4A	Edi.Zhou	2020.05.11



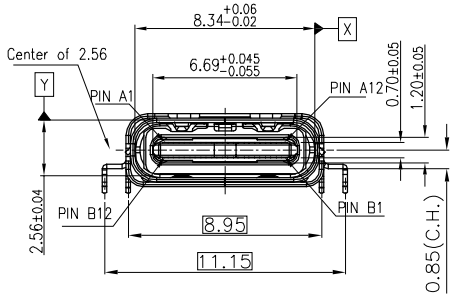


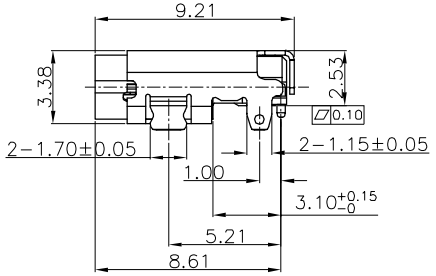
RECOMMENDED P.C.B LAYOUT(TOP VIEW)

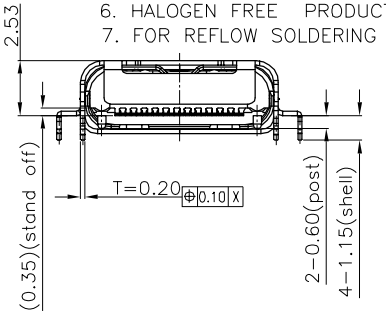
TOLERANCE=±0.05(THK:1.10mm)

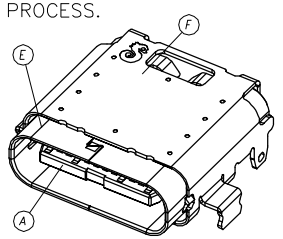
SPECIFICATIONS:

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.

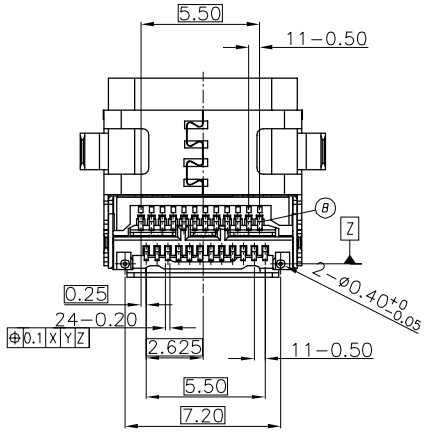


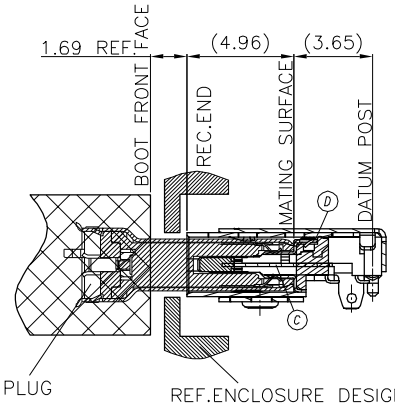






3D VIEW





MATING DRAWING

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	TOP SHELL	1	STAINLESS STEEL,T=0.20	NICKEL 60u"MIN Over All
E	SHELL	1	STAINLESS STEEL,T=0.20	NICKEL 60u"MIN Over All
D	MATE GROUND	1	STAINLESS STEEL,T=0.10	N/A
C	MID-GND	1	SUS301 T=0.15	N/A
B	CONTACT	24	C7035,T=0.12	Au 30uin PLATED ON CONTACT AREA, Matt. Sn 100uin Min.PLATED ON SOLDERING 80uin NICKEL UNDER PLATING OVERALL
A	BODY	1	LCP 6808U UL94-V0	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

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

TITLE	USB TYPE C R/A DUAL-ROW SMT TYPE(C.H.=0.85)		
DWN	Edi.Zhou	PART NO: 2UB3C20-000111F	
CHKD	Boye	SCALE:4:1	UNIT: mm
APVD	Boye	SIZE: A3	SHEET:1 OF 1 REV:A

CUSTOMER COPY

文件編號: RD-06-043-A