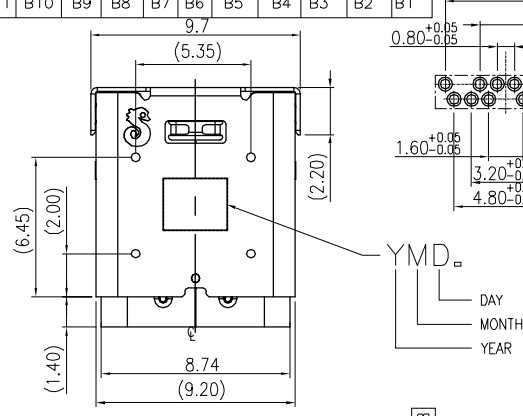
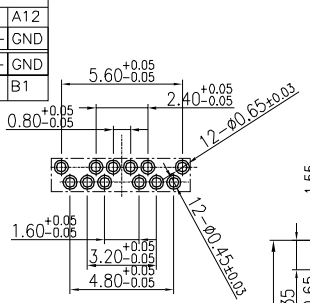
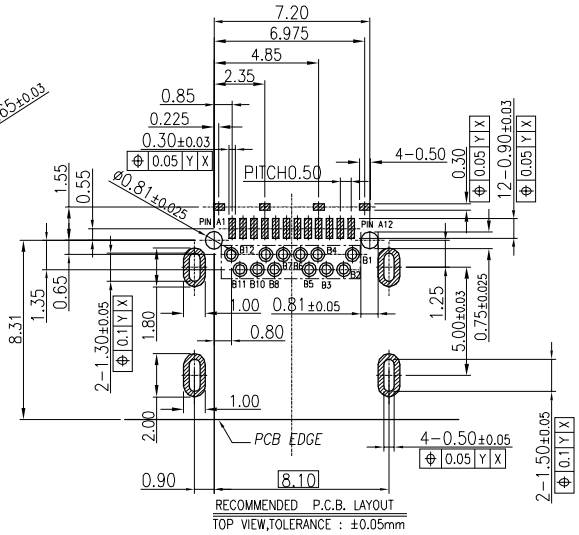
PIN ASSIGNMENT(Front)

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.:T180803-1A	Edi.Zhou	2018.12.18
B	ECN NO.:S190512-C	Edi.Zhou	2019.08.26

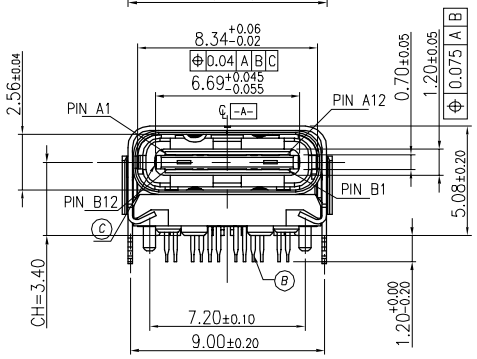


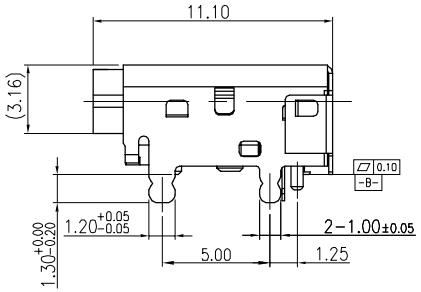


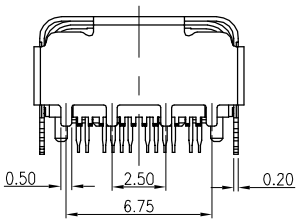


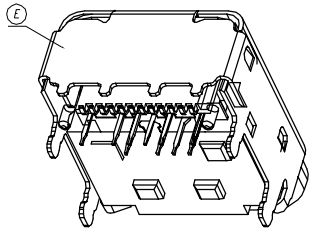
SPECIFICATIONS:

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.

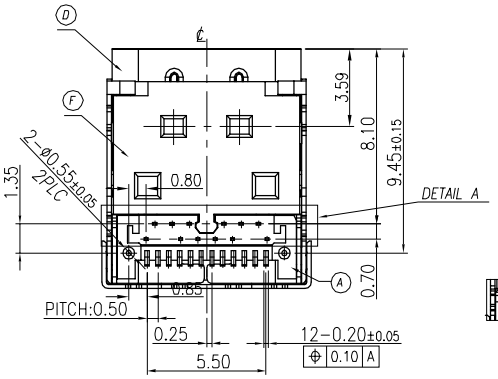


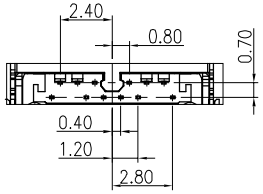




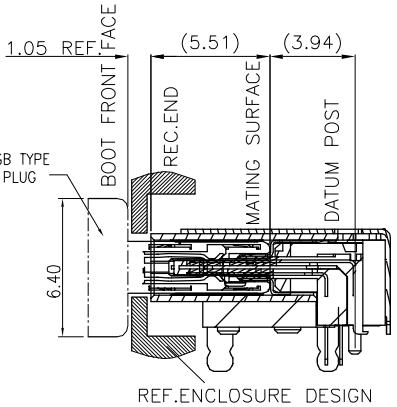


3D VIEW





DETAIL A



REF.ENCLOSURE DESIGN

MATING DRAWING

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	BLOCK	1	LCP UL94−V0	BLACK
E	TOP SHELL	1	SUS304	NICKEL 60u"MIN Over All
D	SHELL	1	SUS304	NICKEL 60u"MIN Over All
C	MID−GND	1	SUS301 T=0.15	N/A
B	CONTACT	24	C7035,T=0.12	Au 30uin PLATED ON CONTACT AREA, MATTE SN ON SOLDER AREA 60u" Min ALL OVER NICKEL 50u" Min PLATING
A	BODY	1	LCP 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 (C.H.=3.40)			
DWN	WENRONG	PART NO: 2UB2C02−013111F		
CHKD		SCALE:4:1	UNIT: mm	
APVD		SIZE: A3	SHEET:1 OF 1	REV:B

CUSTOMER COPY

文件編號: RD−06−043−A