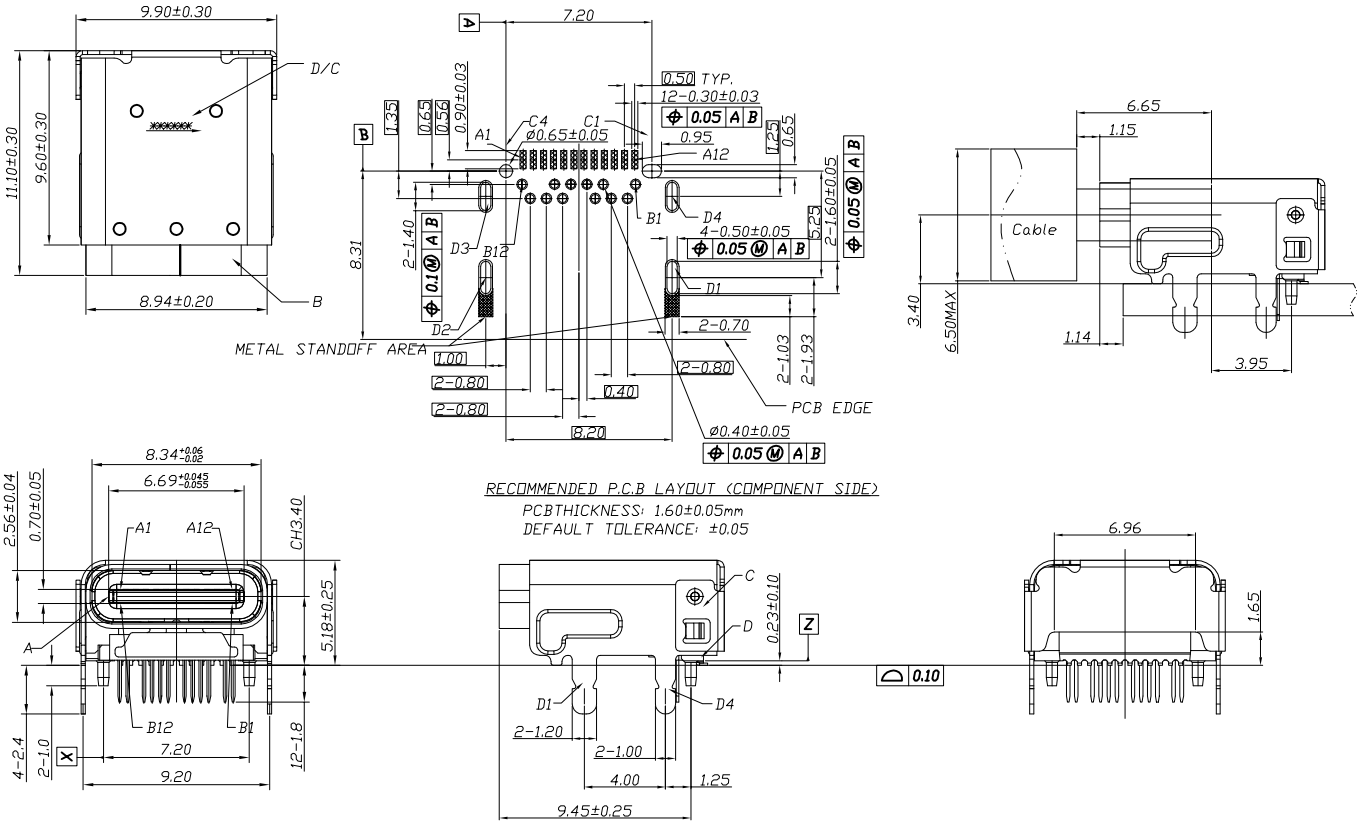
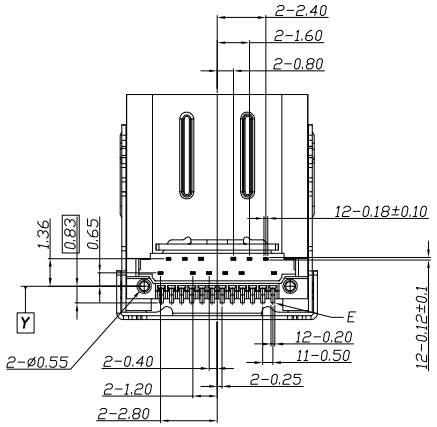
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Ye Wei	2022/09/05



NOTES :
1. ELECTRICAL :
   1-1.CONTACT CURRENT RATING :
   5.0A FOR VBUS AND GND.
   (i.e., Pins A4,A9,B4,B9)
   1.25A FOR Vconn AND GND.
   (i.e., Pins B5,A1,A12,B1,B12)
   0.25A FOR ALL THE OTHERS CONTACTS.
   1-2.INSULATION RESISTANCE :
   100 MEGAOHMS MIN. AT 250VDC.
   1-3.DIEELECTRIC WITHSTANDING VOLTAGE :
   100VAC MIN.
   1-4.LOW LEVEL CONTACT RESISTANCE :
   INITIAL 40mΩ MAX.
   AFTER 50mΩ MAX.
2. MECHANICAL CHARACTERISTICS :
   2-1.INSERTION FORCE :
   5N~20N .
   2-2.EXTRACTION FORCE :
   8N~20N FROM 1 TO 30 CYCLES
   6-20N FROM 30 TO 10000 CYCLE.
   2-3.DURABILITY :
   10,000 MATING CYCLES.
   2-4.OPERATING TEMPERATURE :
   -55°C TO +85°C
3. REFLOW SOLDER CAPABLE TO 260°C 10 SECS.
4. OTHER GENERAL SPEC.TO REFER"2UB2Y28-C0X111F SPEC."
5. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. DATE RATE :10Gbps PER LANE (TOTAL 20Gbps)



PIN ASSIGNMENTS:

PIN No.	SIGNAL NAME	PIN No.	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	RFU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	RFU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

NO.	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	CONTACT	24	COPPER ALLOY	30u" MIN Au ON CONTACT AREA GOLD FLASH ON SOLDER TAIL ALL OVER NI 50u"MIN. PLATING
D	I/M	1	HIGHTEMP-PLASTIC UL 94-V0	BLACK
C	OUTER SHELL	1	STAINLESS STEEL	ALL OVER NI UNDER PLATED
B	INNER SHELL	1	STAINLESS STEEL	CLEAN
A	MID SHELL	1	STAINLESS STEEL	CLEAN

UNLESS OTHERWISE SPECIFIED 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 Connector 24PIN CH=3.40mm		
DWN	Ye wei	PART NO.: 2UB2Y28-C00111F	
CHKD	Jim-deng	SCALE 1:1	UNIT: mm
APVD	Jim-deng	SIZE: A3	SHEET:1 OF 1 REV: A

CUSTOMER COPY