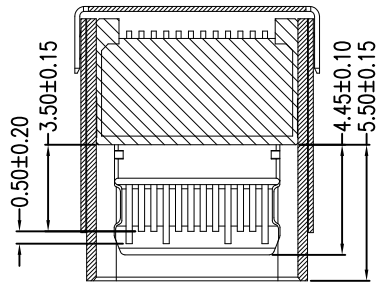
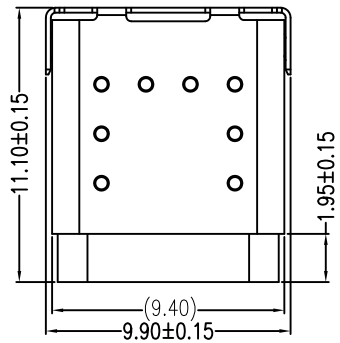


1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F



SECTION: B-B

PIN ASSIGNMENT:

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	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

NOTES:

*Material

Housing: High temp chermoplastic, UL94 V-0.
 Contacts: Copper Alloy.
 Plating: Au Plating On Contact Area.
 Sn(100u" Min.) Plating On Solder Tail.
 Ni(50u" Min.) Underplating Overall.
 Shell-in: Stainless steel.
 Shell-out: Stainless steel.
 Plating: Ni(50u" Min.) Plated Overall.
 Shielding: Stainless steel.

*Mechanical

Insertion Force: 5~20N.
 Withdrawal Force: 8~20N.
 Durability: 10000 Cycles.

*Electrical Specification

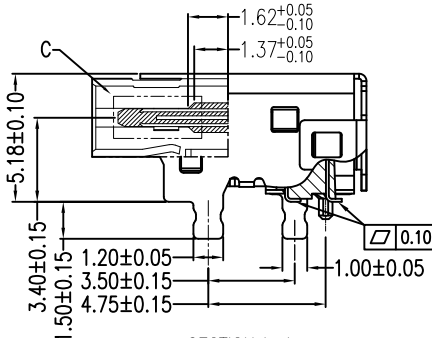
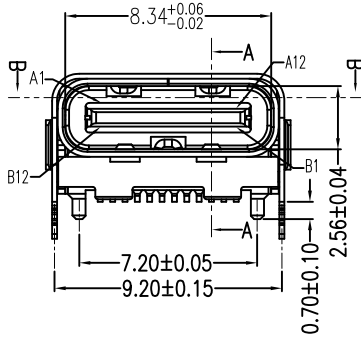
Current Rating: Vbus pins 5A. CC2 pin 1.25A.
 Other pins 0.25A.
 Voltage Rating: 20V Max.
 Contact Resistance: 40mΩ Max.
 Insulation Resistance: 100MΩ Min.
 Dielectric Withstanding Voltage: 100V AC Min.

*Environmental

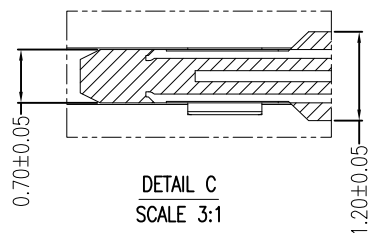
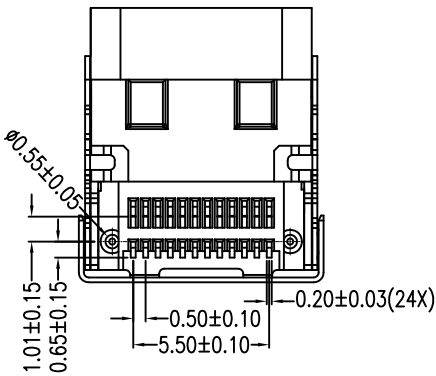
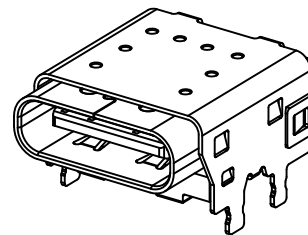
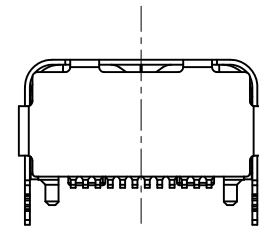
Operating Temperature: -55°C To +85°C.

*How To Order:

840USB24-F3L1PH5N
 5: REEL
 H: Halogen Free
 P: Phosphor Bronze
 1: Black
 L: LCP
 3: Dual SMT CH3.40
 Au: A:1u"; D:15u"; F:30u"
 Number Of Contacts
 USB Type-c



SECTION: A-A




DETAIL C
SCALE 3:1

C	29.11.2023
REV	DATE

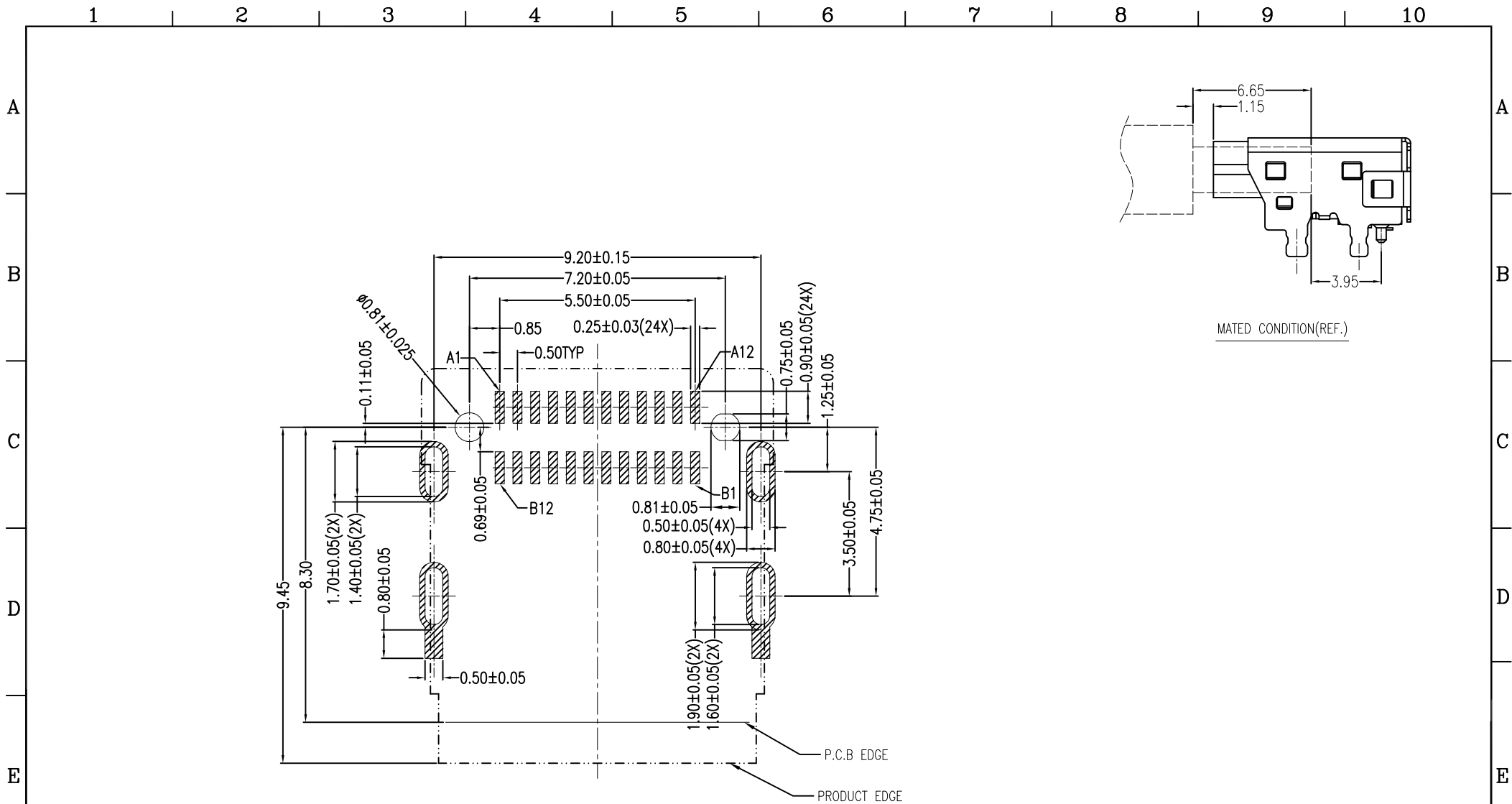
1 2 3 4 5 6 7 8 9 10

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X ±0.30	APPROVED:	 http://www.rego.com.tw
XX ±0.20	Chris	
XXX ±0.15	CHECKED:	
X* ± 3*	Andy	
	DRAWN:	TITLE: USB 4.0 Type C Dual SMT Type CH3.4
	Vic	
	UNITS:	SCALE: NONE
	mm	
		PART NO: 840USB24-F3L1PH5N SHEET: 1 OF 2


A
B
C
D
E
F



P.C.B LAYOUT(T=1.20mm)
COMPONENT SIDE

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.X ±0.30	APPROVED: Chris	 http://www.rego.com.tw
.XX ±0.20	CHECKED: Andy	
.XXX ±0.15	DRAWN: Vic	
X° ± 3'	UNITS: mm	SCALE: NONE
PART NO: 840USB24-F3L1PH5N		SHEET: 2 OF 2

C	29.11.2023
REV	DATE