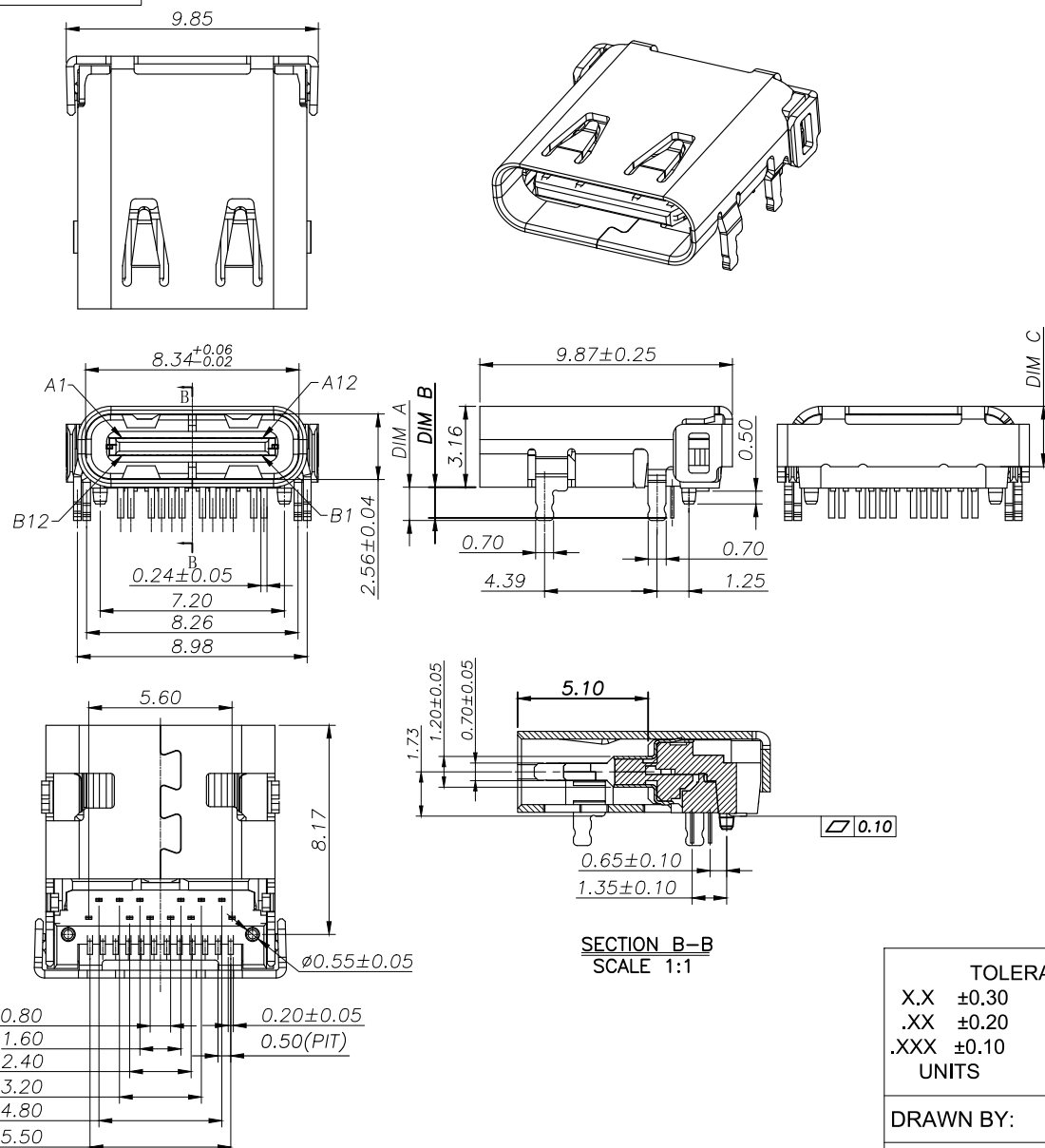




REV:	ECN. NO.	NAME	DATE



- NOTE:
- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 - 2.CONTACTS:COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
 - 5.EMI PLATE: STAINLESS STEEL
 - 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - 2-2.FRONT SHELL:
PLATING SPECIFICATIONS FOLLOW THE P/N
 - 2-3.MID PLATE&EMI PLATE:
CLEAR ONLY
 - 3.MECHANICAL PERFORMANCE,
 - 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 10000 CYCLES.
 - 4.ELECTRICAL PERFORMANCE,
 - 4-1. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 4-3.INSULATION RESISTANCE: 100MΩ MIN
 - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
 - 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

SECTION B-B
SCALE 1:1

TOLERANCE		VITALCON a vital connector company		FOR YOUR VITAL CONNECTION	
X.X	±0.30	X.°	±10°		
.XX	±0.20	.X°	±8°		
.XXX	±0.10	.XX°	±5°		
UNITS		mm		TITLE:	
DRAWN BY:		Zou Long		PART NO:	
CHECKED BY:		Bob		UC32-1E1H1A103-1HR-05	
APPROVED BY:		QPF		REV: A	
SIZE: A4		UNIT:mm		SHEET:1 OF 3	
PROJECTION				FCN: F9	
				http://www.vitalconn.com	

For technical support, please send an email to support@vitalconn.com



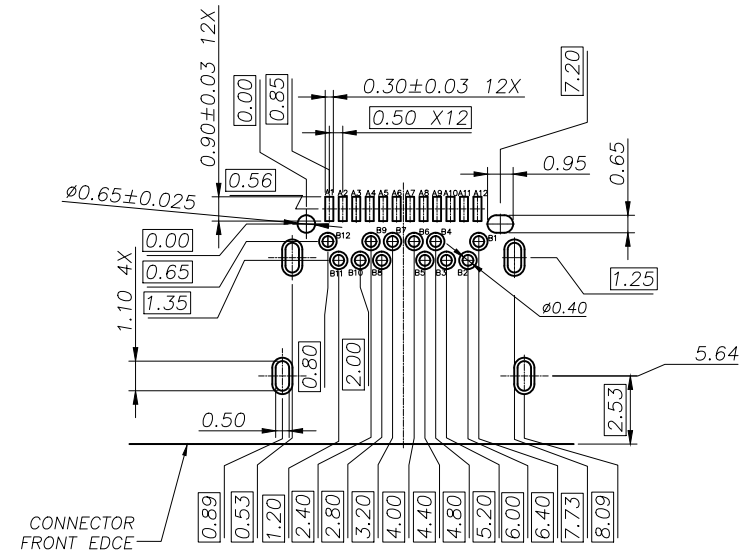
REV:	ECN. NO.	NAME	DATE

TABLE 1

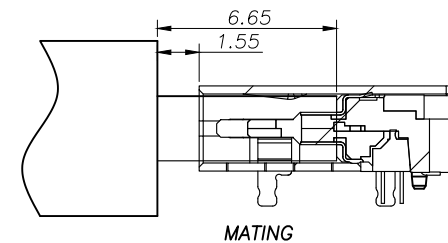
ITEM	P/N	DIM"A"	DIM"B"	DIM"C"	HOUSING CLOER	PLATING	
						MATING AREA	SOLDER AREA
1	UC32-1E1H1A103-0HR-05	1.30	1.20	1.96	BALCK	Au:3u"	Au:G/F
2	UC32-1E1H1A103-1HR-05	1.55	1.45	2.36			
3	UC32-1E1H1A115-0HR-05	1.30	1.20	1.96	BALCK	Au:15u"	Au:G/F
4	UC32-1E1H1A130-0HR-05	1.30	1.20	1.96	BALCK	Au:30u"	Au:G/F
5	UC32-1E1H1A130-1HR-05	1.55	1.45	2.36			
6	UC32-1E1H1A103-2HR-05	0.90	0.80	2.36	BALCK	Au:3u"	Au:G/F

USB TYPE-C PIN ASSIGNMENTS

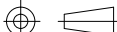
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1+	B11	RXp1+
A3	TXn1-	B10	RXn1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	RXn2-	B3	TXn2-
A11	RXp2+	B2	TXp2+
A12	GND	B1	GND



RECOMMENDED P.C.B. LAYOUT (T=1.00mm)
TOLERANCE UNSPECIFIED ±0.05mm

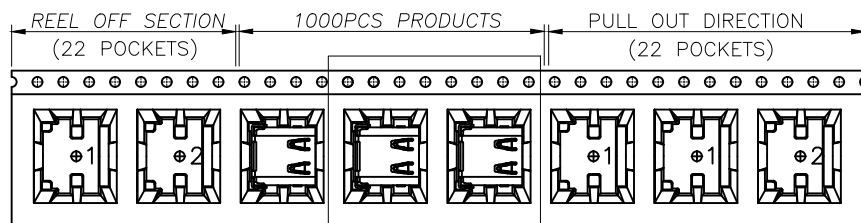


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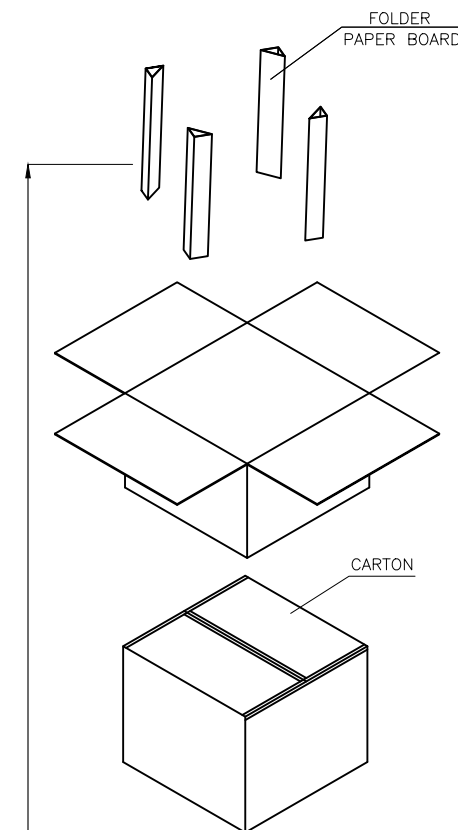
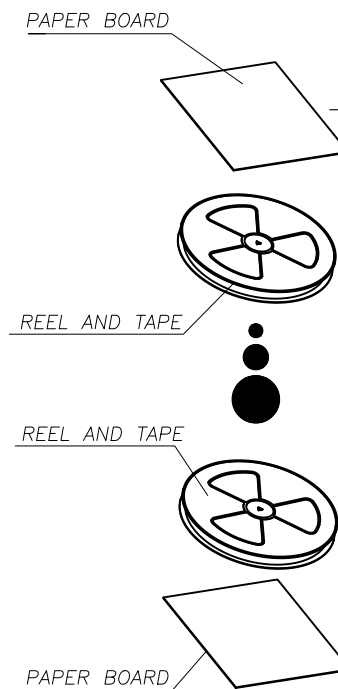
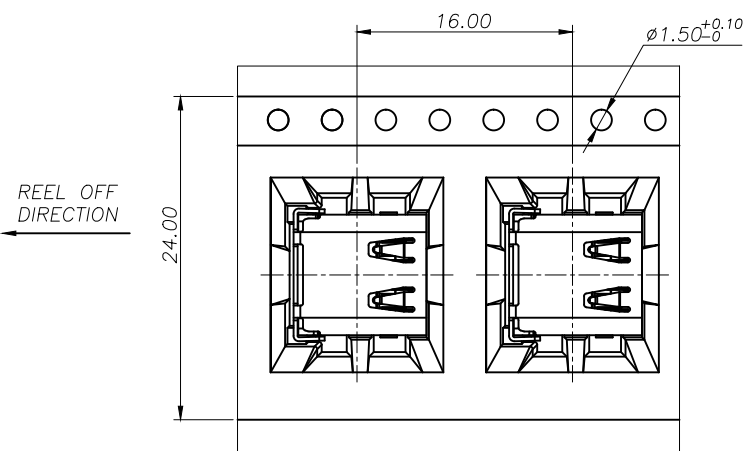
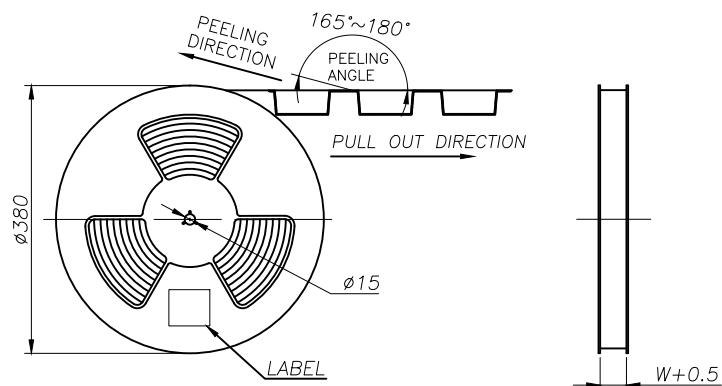
TOLERANCE		VitalCON a vital connector company		FOR YOUR VITAL CONNECTION	
X.X ±0.30	X.° ±10°				
.XX ±0.20	.X° ±8°	USB C F 24PIN DIP+SMT WITH SPRING&POST			
.XXX ±0.10	.XX° ±5°				
UNITS mm		TITLE:			
DRAWN BY:	Zou Long	PART NO:	UC32-1E1H1A103-1HR-05		REV: A
CHECKED BY:	Bob	SIZE: A4	UNIT:mm	SHEET:2 OF 3	FCN: F9
APPROVED BY:	QPF	PROJECTION			http://www.vitalconn.com



REV:	ECN. NO.	NAME	DATE



SEE DETAIL X



	REEL/TRAY	CARTON
CONNECTOR (PCS)	1000	10000

TOLERANCE X.X ±0.30 X.° ±10° .XX ±0.20 .X.° ±8° .XXX ±0.10 .XX° ±5° UNITS mm		VITALCONN a vital connector company		FOR YOUR VITAL CONNECTION	
DRAWN BY: Zou Long		PART NO: UC32-1E1H1A103-1HR-05		REV: A	
CHECKED BY: Bob		SIZE: A4		UNIT:mm	
APPROVED BY: QPF		PROJECTION		SHEET:3 OF 3	
				FCN: F9	
				http://www.vitalconn.com	

For technical support, please send an email to support@vitalconn.com