

HSF

REV	ECN #	DESCRIPTION	DRAWING	APPROVED	DATE
X0		NEW RELEASE	Bull		2022.10.18

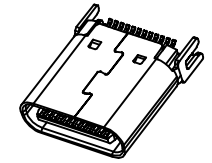
NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0. (KURARAY ORIGINAL NYLON MATERIAL)
 - CONTACTS: HIGH CONDUCTIVITY COPPER ALLOY (C1814)
 - MID PLATE: STAINLESS STEEL (SUS301)
 - SHELL: STAINLESS STEEL (SUS304)
 - EMI SHIELDED PLATE: STAINLESS STEEL (SUS301)
- PLATING SPECIFICATION:
 - TERMINAL:
 - 50u" MIN. UNDER PLATED OVER ALL.
 - AU PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - 80u" MIN. MATTE TIN PLATED ON THE SOLDER AREA
 - SHELL:
 - 50u" MIN. SOLDERABILITY NI PLATED OVER ALL
 - MID PLATE:
 - 50u" MIN. SOLDERABILITY NI PLATED OVER ALL
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 5.0A
VOLTAGE RATING: 5.0V
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

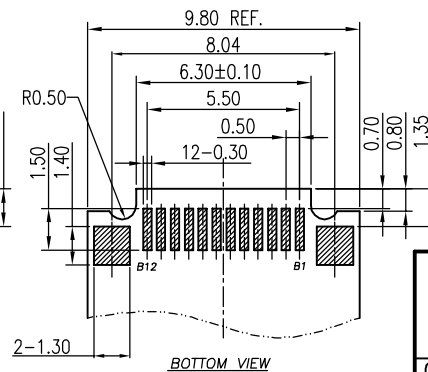
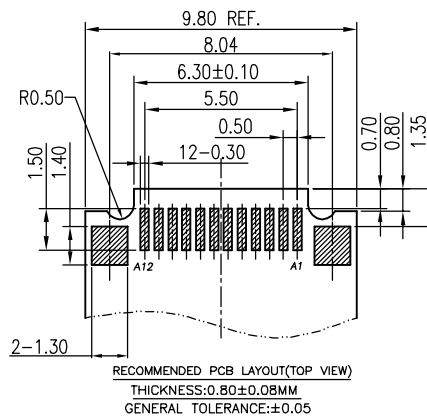
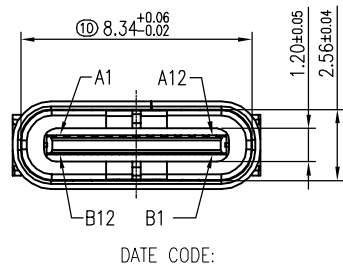
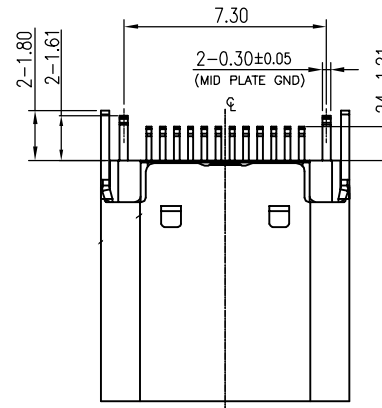
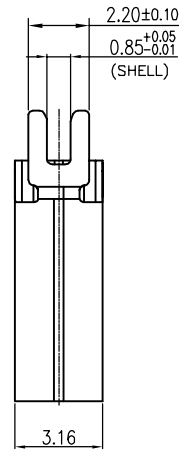
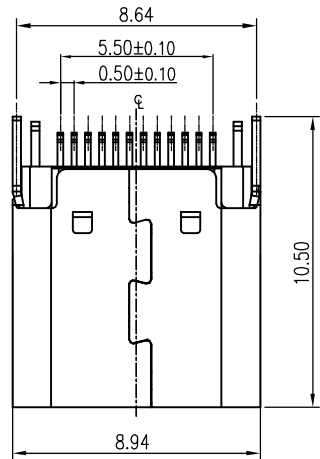
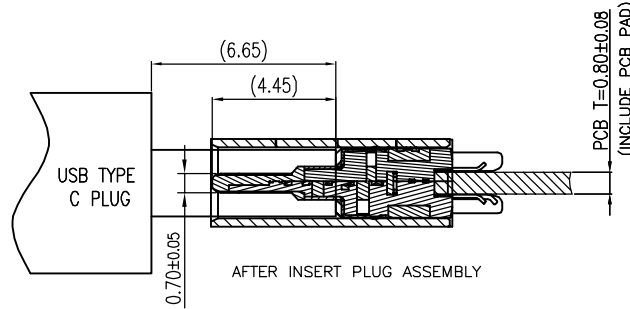
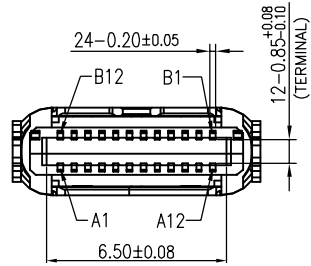
PRODUCT PART NO.

UC07 - 24 C B ** - 03
 ① ② ③ ④ ⑤ ⑥

- ① PRODUCT SERIES: UC07: TYPE C 180 SOLDER SPLINT TYPE
- ② PRODUCT PIN NO.: 24:24 PIN
- ③ MATERIAL: C: HIGH TEMPERATURE RESISTANT PLASTIC
- ④ PLASTIC COLOR: B: BLACK
- ⑤ TERMINAL CONTACT AREA PLATED
 - M1: 1u" AU PLATED ON CONTACT AREA
 - M3: 3u" AU PLATED ON CONTACT AREA
 - M5: 5u" AU PLATED ON CONTACT AREA
 - M7: 15u" AU PLATED ON CONTACT AREA
 - M8: 30u" AU PLATED ON CONTACT AREA
- ⑥ PRODUCT FLOW NO.: 03: L=10.5



CUSTOMER DRAWING	东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.		TITLE: USB CF SPLINT 180 SOLDER CONN. WITH EMI PLATE L=10.5 PCB T=0.8	
	DRAWING	Bull	P/N: XB-UC07- 24CB**-03	
GENERAL TOLERANCE X .X ±0.20 .XX ±0.15 .XXX ±0.10	APPROVED		DRAWING NO. XB-C-UC07-03	
ANGEL TOLERANCE X ±3° .XX ±2° .XXX ±1°	DATE	2022.10.18		
		UNIT mm	SCALE 1:1	SIZE A4
		SHEET 1 of 2	REV	X0



DATE CODE:
 YTCNN
 YEAR
 1=2021
 2=2022
 3=2023
 MONTH
 (1=1,...,A=10,
 B=11,C=12)
 DAY
 D=DAY
 N=NIIGHT
 DATE
 (1=1,...,A=10,
 ...H=17,J=18,
 ...N=22,P=23,
 ...T=27,X=31)

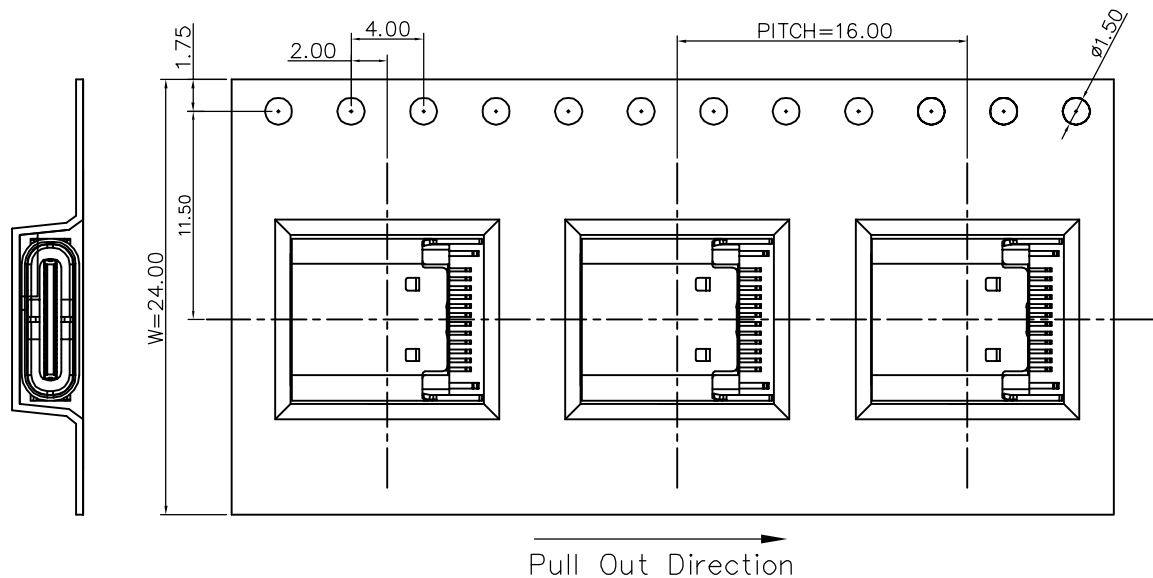
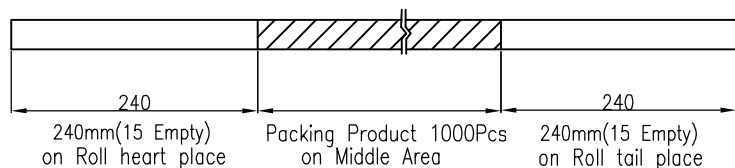
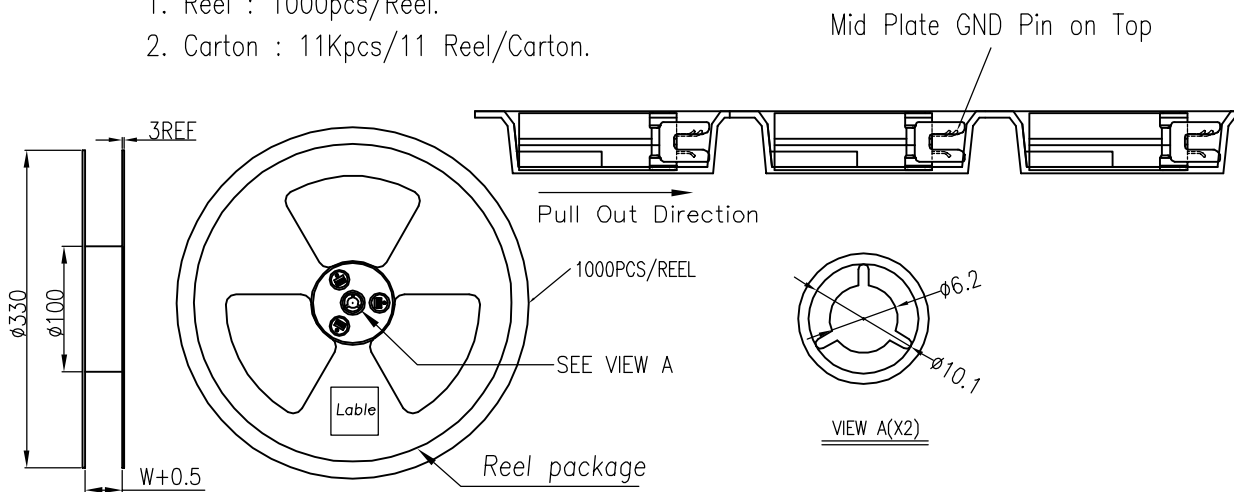
PIN ASSIGNMENT:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSTXp1	SSTXn1	Vbus	CC1	Dp1	Dn1	SBU1	Vbus	SSRXn2	SSRXp2	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	SSRXp1	SSRXn1	Vbus	SBU2	Dn2	Dp2	CC2	Vbus	SSTXn2	SSTXp2	GND

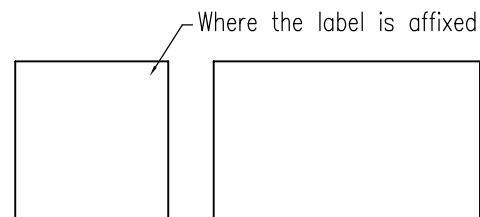
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Packing Notes:

1. Reel : 1000pcs/Reel.
2. Carton : 11Kpcs/11 Reel/Carton.

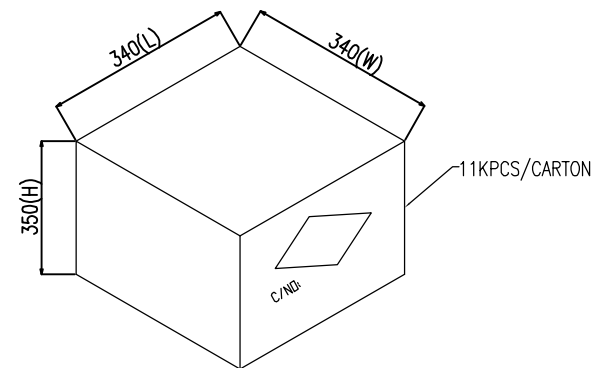


- 1) Seal the carton with TAPE.
- 2) Attach the label to the side of the carton



NOTES: (REMARK)

- 1). If there are any unfilled boxes, they must be filled with buffer material.
- 2). Handle with care during handling.
- 3). Do not pile up too much or have heavy pressure during transportation.
- 4). The upper belt must be smooth when pasting the lower belt, and no bubbles appear at the pasting place.



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GENERAL TOLERANCE X. ±0.20 .XX ±0.15 .XXX ±0.10	APPROVED		P/N: XB-UC07- 24CB**-03
ANGEL TOLERANCE X. ±3° .XX ±2° .XXX ±1°	DATE	2022.10.18	DRAWING NO. XB-C-UC07-03
	UNIT	mm	SCALE 1:1
	SIZE	A4	SHEET 2of2
	REV		X0