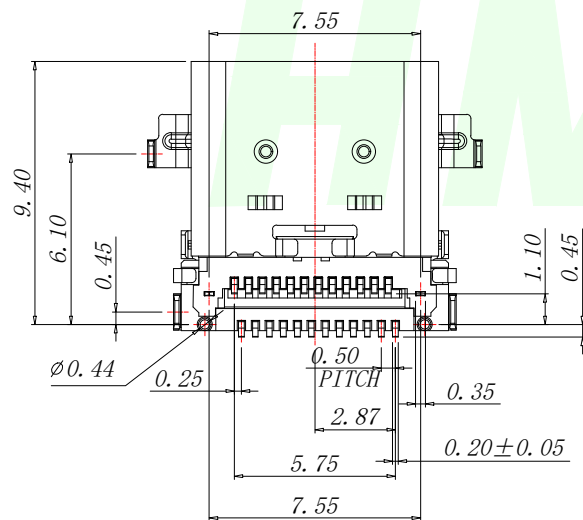
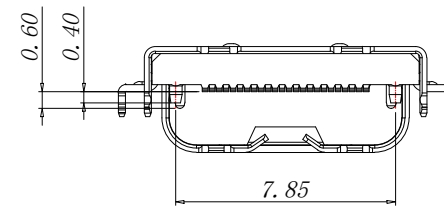
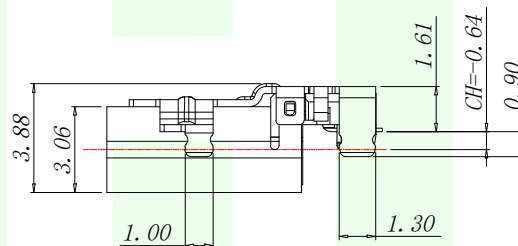
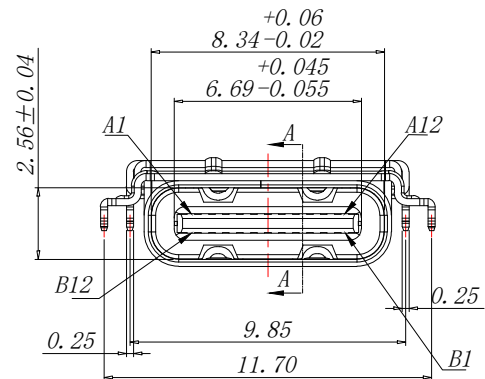
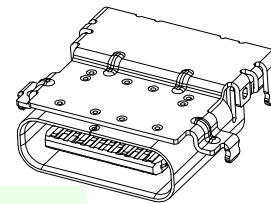
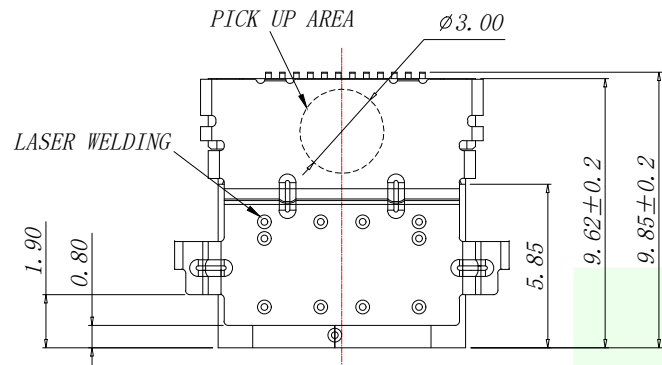




GENERAL TOLERANCES
UNLESS SPECIFIED

.X ± 0.30

X° $\pm 10^\circ$

.XX ± 0.20

X° $\pm 8^\circ$

.XXX ± 0.10

XX° $\pm 5^\circ$

MANUFACTURE DWG



深圳市华明通电子有限公司

Shenzhen Huamingtong Electronics Co., Ltd

PART NO.

HMT-TYPE-C-24P-064

DESIGN:

James

CHED:

Talen

APPD:

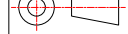
Sophia

TITLE:

USB CF 24PIN SMT TYPE

MID MOUNT

CH = -0.64mm



CUSTOMER

SIZE

A4

UNITS

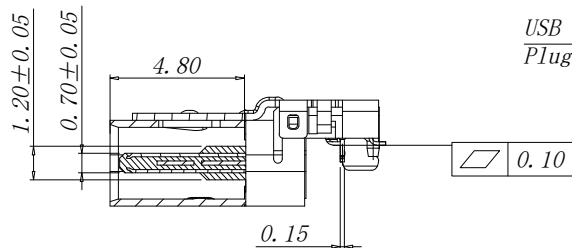
MM

SCALE

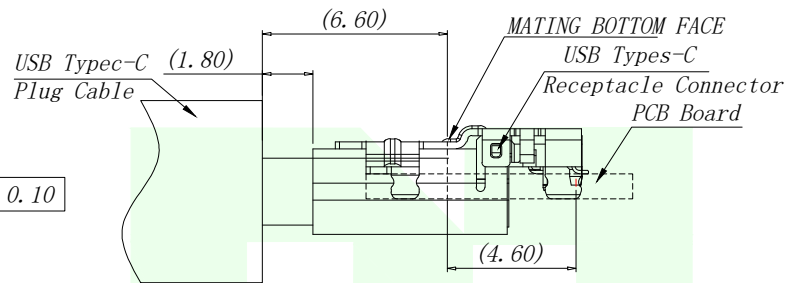
SHEET

N/A

1/4



SECTION A-A
SCALE 1:1



MATED CONDITION
SCALE 1:1

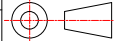
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A2	TXp1
A3	TXn1
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A10	RXn2
A11	RXp2
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B11	RXp1
B10	RXn1
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B3	TXn2
B2	TXp2
B1	GND

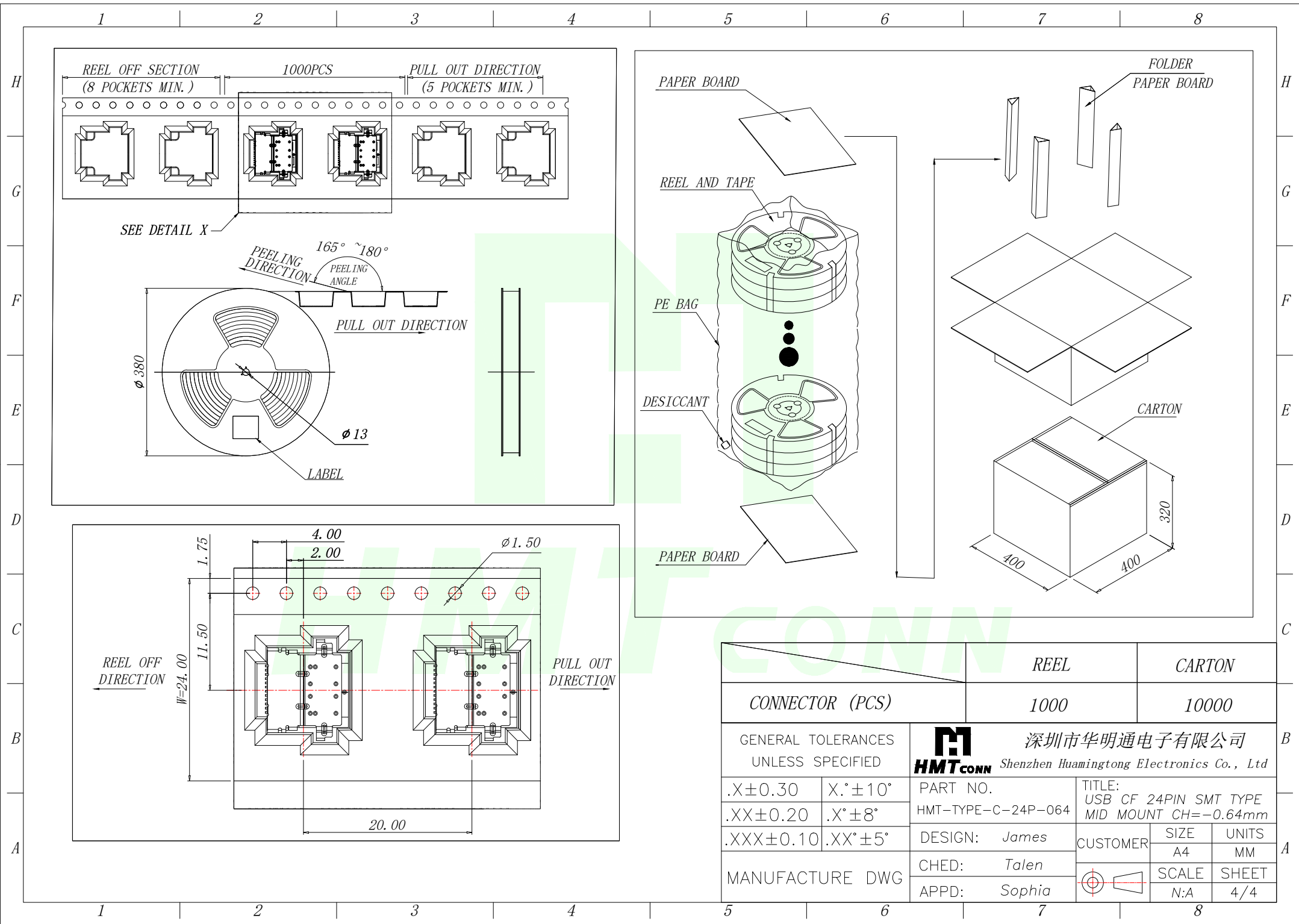
NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0. (PA9T, BLACK)
 - CONTACTS: COPPER ALLOY (C18150)
 - MID PLATE: STAINLESS STEEL (SUS301)
 - INNER SHELL: STAINLESS STEEL (SUS304)
 - OUT SHELL: STAINLESS STEEL (SUS304)
- PLATING SPECIFICATION:
 - CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au 3u" PLATED ON CONTACT AREA.
 - Au GOLD FLASH ON SOLDER AREA.
 - FRONT SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - Sn 80u" MIN. PLATED OVER ALL
 - EMI PLATE:
 - CLEAR ONLY
- 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.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -40° C~+85° C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260° C.

GENERAL TOLERANCES UNLESS SPECIFIED		 深圳市华明通电子有限公司 HMTCONN Shenzhen Huamingtong Electronics Co., Ltd			
.X±0.30	X.°±10°	PART NO. HMT-TYPE-C-24P-064	TITLE: USB CF 24PIN SMT TYPE MID MOUNT CH=-0.64mm		
.XX±0.20	X.°±8°				
.XXX±0.10	.XX°±5°	DESIGN: James	CUSTOMER	SIZE	UNITS
MANUFACTURE DWG		CHED: Talen		A4	MM
		APPD: Sophia		SCALE	SHEET
				N:A	2/4



GENERAL TOLERANCES UNLESS SPECIFIED		 深圳市华明通电子有限公司 Shenzhen Huamingtong Electronics Co., Ltd			
.X±0.30	X.°±10°	PART NO.	TITLE:		
.XX±0.20	.X°±8°	HMT-TYPE-C-24P-064	USB CF 24PIN SMT TYPE		
.XXX±0.10	.XX°±5°	DESIGN: James	CUSTOMER	SIZE	UNITS
MANUFACTURE DWG		CHED: Talen		A4	MM
		APPD: Sophia		SCALE	SHEET
				N:A	3/4



		REEL		CARTON	
CONNECTOR (PCS)		1000		10000	
GENERAL TOLERANCES UNLESS SPECIFIED		HMTCONN 深圳市华明通电子有限公司 Shenzhen Huamingtong Electronics Co., Ltd			
.X±0.30	X.°±10°	PART NO.	TITLE:		
.XX±0.20	.X.°±8°	HMT-TYPE-C-24P-064	USB CF 24PIN SMT TYPE		
.XXX±0.10	.XX.°±5°	DESIGN: James	CUSTOMER	SIZE	UNITS
MANUFACTURE DWG		CHED: Talen		A4	MM
		APPD: Sophia		SCALE	SHEET
				N:A	4/4