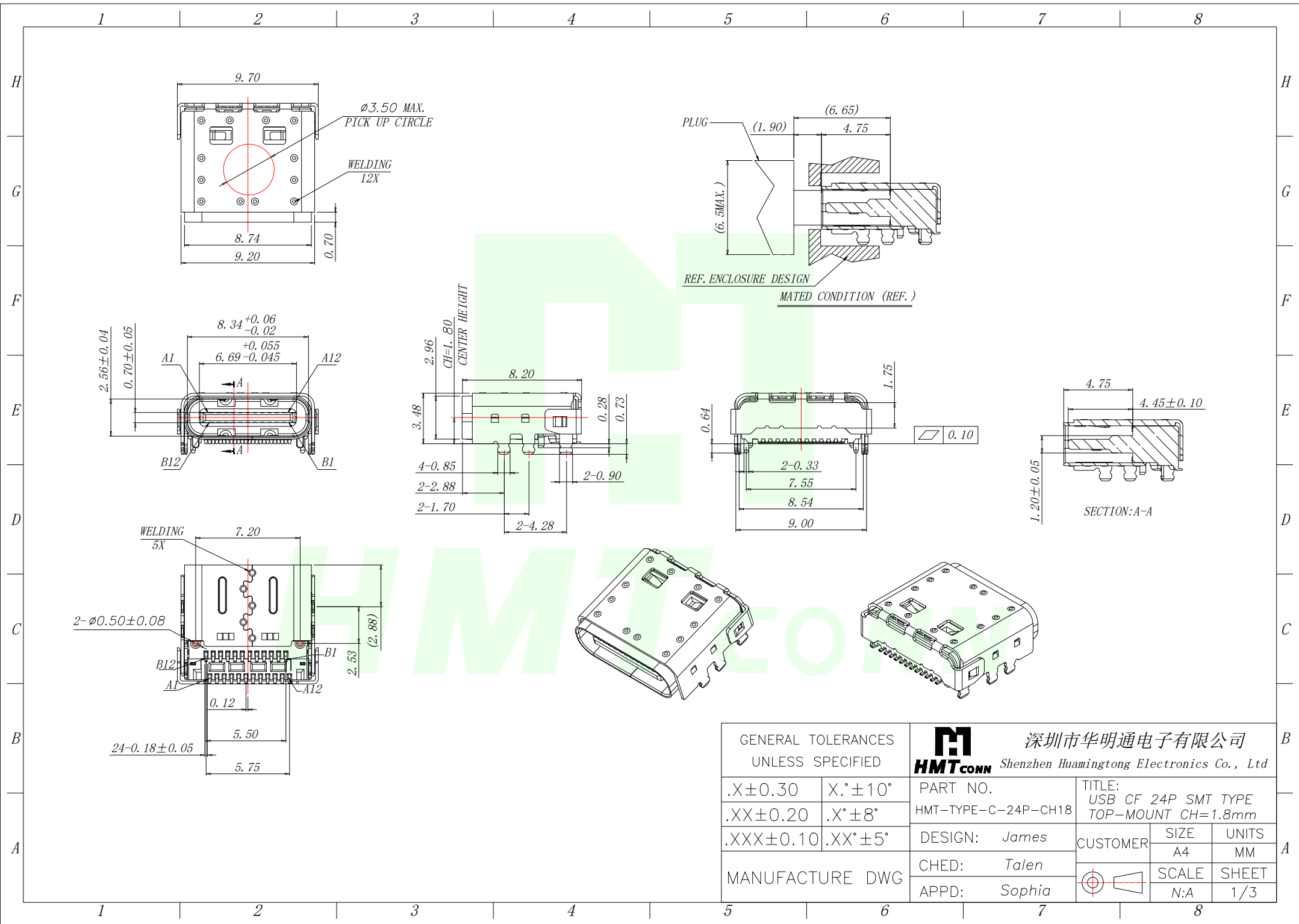
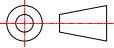
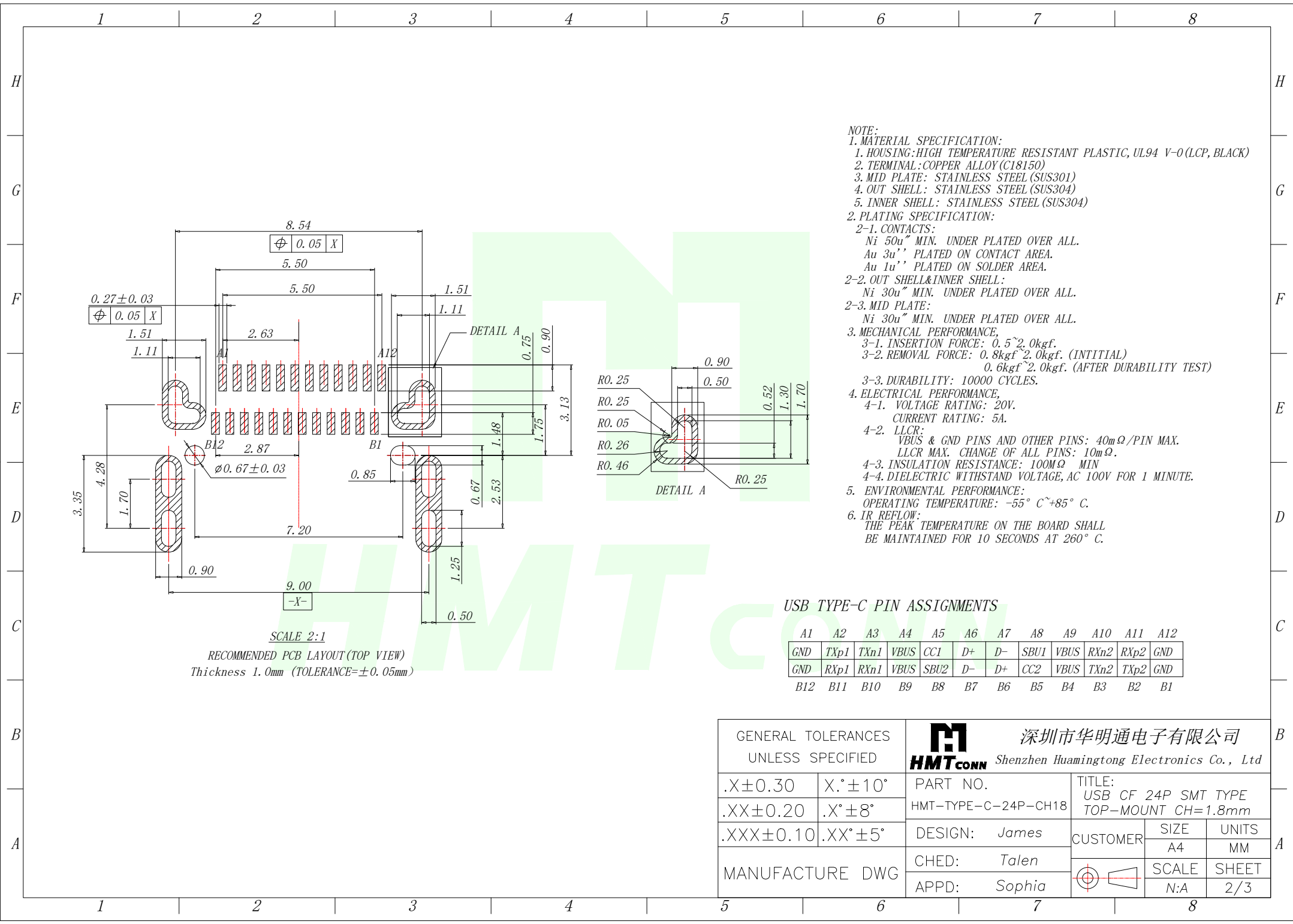




GENERAL TOLERANCES UNLESS SPECIFIED		 HMTconn 深圳市华明通电子有限公司 Shenzhen Huamingtong Electronics Co., Ltd			
.X±0.30	X.°±10°	PART NO.	TITLE:		
.XX±0.20	.X.°±8°	HMT-TYPE-C-24P-CH18	USB CF 24P SMT TYPE TOP-MOUNT CH=1.8mm		
.XXX±0.10	.XX.°±5°	DESIGN: James	CUSTOMER	SIZE	UNITS
MANUFACTURE DWG		CHED: Talen		A4	MM
		APPD: Sophia		SCALE	SHEET
			N:A	1/3	

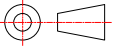


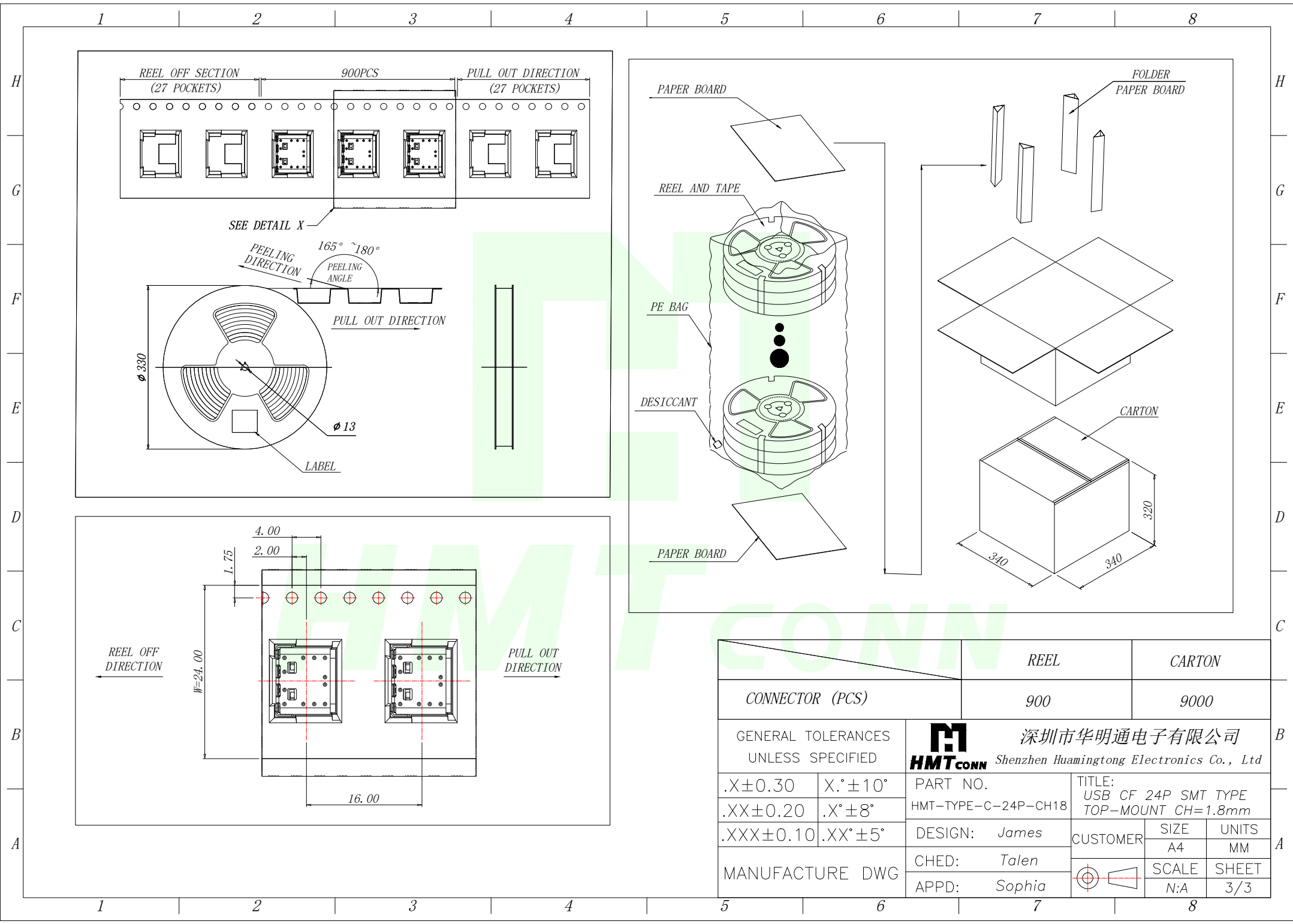
- NOTE:
- 1. MATERIAL SPECIFICATION:
 - 1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0 (LCP, BLACK)
 - 2. TERMINAL: COPPER ALLOY (C18150)
 - 3. MID PLATE: STAINLESS STEEL (SUS301)
 - 4. OUT SHELL: STAINLESS STEEL (SUS304)
 - 5. INNER SHELL: STAINLESS STEEL (SUS304)
 - 2. PLATING SPECIFICATION:
 - 2-1. CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au 3u" PLATED ON CONTACT AREA.
 - Au 1u" PLATED ON SOLDER AREA.
 - 2-2. OUT SHELL&INNER SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 2-3. MID PLATE:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - 3. MECHANICAL PERFORMANCE,
 - 3-1. INSERTION FORCE: 0.5~2.0kgf.
 - 3-2. REMOVAL FORCE: 0.8kgf~2.0kgf. (INITIAL)
 - 0.6kgf~2.0kgf. (AFTER DURABILITY TEST)
 - 3-3. DURABILITY: 10000 CYCLES.
 - 4. ELECTRICAL PERFORMANCE,
 - 4-1. VOLTAGE RATING: 20V.
 - CURRENT RATING: 5A.
 - 4-2. LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ /PIN 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: -55° C~+85° C.
 - 6. IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260° C.

SCALE 2:1
RECOMMENDED PCB LAYOUT (TOP VIEW)
Thickness 1.0mm (TOLERANCE=±0.05mm)

USB TYPE-C PIN ASSIGNMENTS

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TXp1	TXn1	VBUS	CC1	D+	D-	SBUI	VBUS	RXn2	RXp2	GND
GND	RXp1	RXn1	VBUS	SBU2	D-	D+	CC2	VBUS	TXn2	TXp2	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

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.	TITLE:
.XX±0.20	X.°±8°	HMT-TYPE-C-24P-CH18	USB CF 24P SMT TYPE TOP-MOUNT CH=1.8mm
.XXX±0.10	.XX°±5°	DESIGN: James	CUSTOMER
MANUFACTURE DWG		CHED: Talen	SIZE
		APPD: Sophia	UNITS
			SCALE
			SHEET
			N:A
			2/3



		REEL		CARTON	
CONNECTOR (PCS)		900		9000	
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-CH18	USB CF 24P SMT TYPE TOP-MOUNT CH=1.8mm		
.XXX±0.10	.XX.°±5°	DESIGN: James	CUSTOMER	SIZE	UNITS
MANUFACTURE DWG		CHED: Talen		A4	MM
APPD: Sophia				SCALE	SHEET
				N:A	3/3