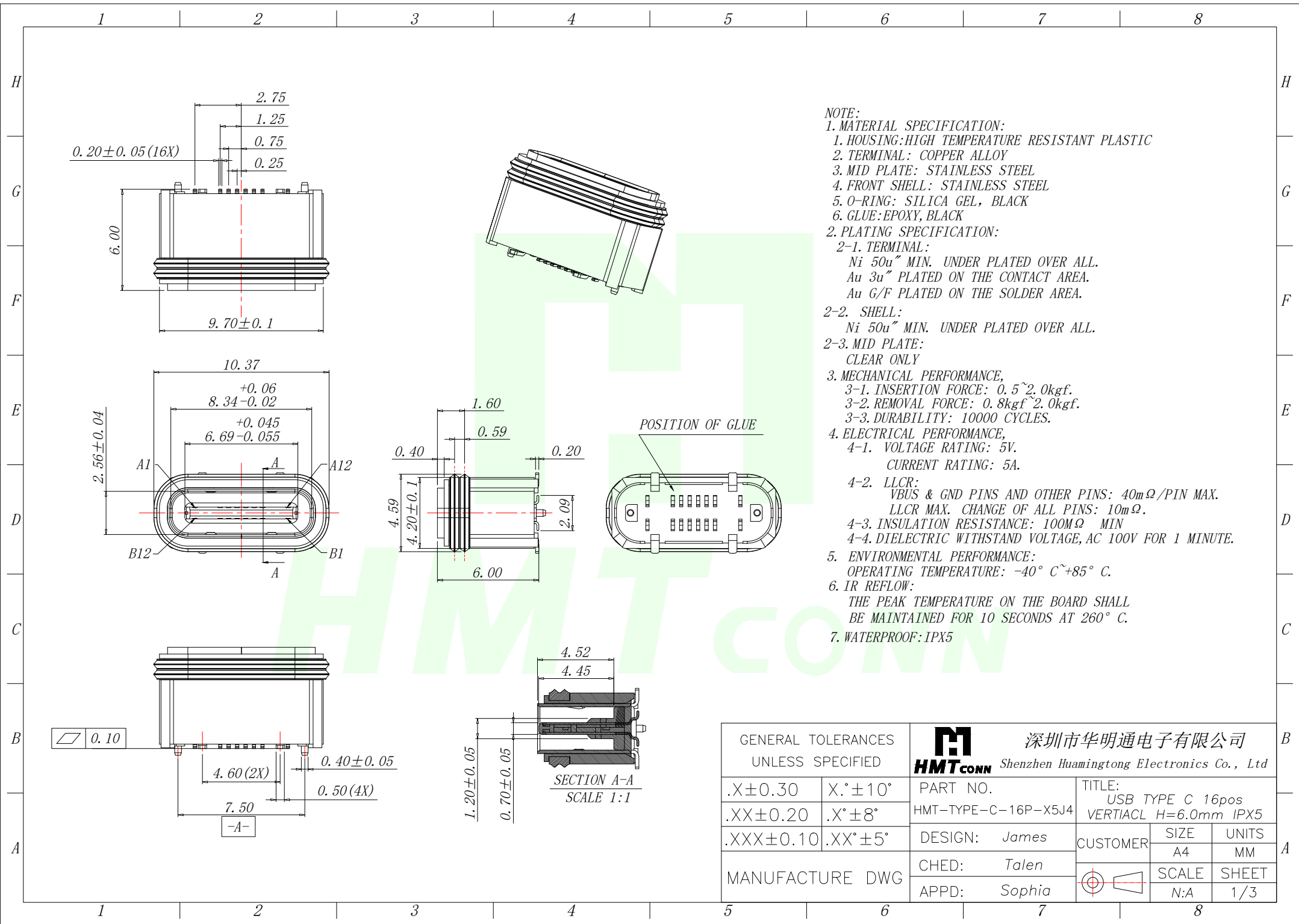
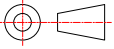




- NOTE:
- 1. MATERIAL SPECIFICATION:
 - 1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC
 - 2. TERMINAL: COPPER ALLOY
 - 3. MID PLATE: STAINLESS STEEL
 - 4. FRONT SHELL: STAINLESS STEEL
 - 5. O-RING: SILICA GEL, BLACK
 - 6. GLUE: EPOXY, BLACK
 - 2. PLATING SPECIFICATION:
 - 2-1. TERMINAL:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au 3u" PLATED ON THE CONTACT AREA.
 - Au G/F PLATED ON THE SOLDER AREA.
 - 2-2. SHELL:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - 2-3. MID 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. VOLTAGE RATING: 5V.
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: -40° C~+85° C.
 - 6. IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260° C.
 - 7. WATERPROOF: IPX5

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: USB TYPE C 16pos	
.XX±0.20	X.°±8°	HMT-TYPE-C-16P-X5J4	VERTIACL H=6.0mm IPX5	
.XXX±0.10	.XX°±5°	DESIGN: James	CUSTOMER	SIZE
MANUFACTURE DWG		CHED: Talen		UNITS
		APPD: Sophia		MM
				SCALE
				SHEET
				N:A
				1/3

1 2 3 4 5 6 7 8

H

G

F

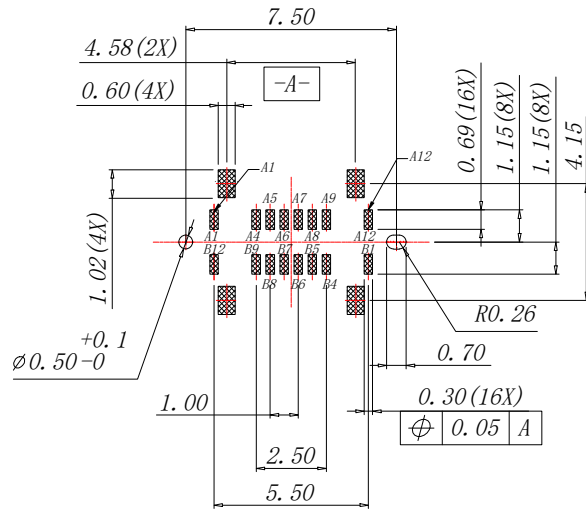
E

D

C

B

A



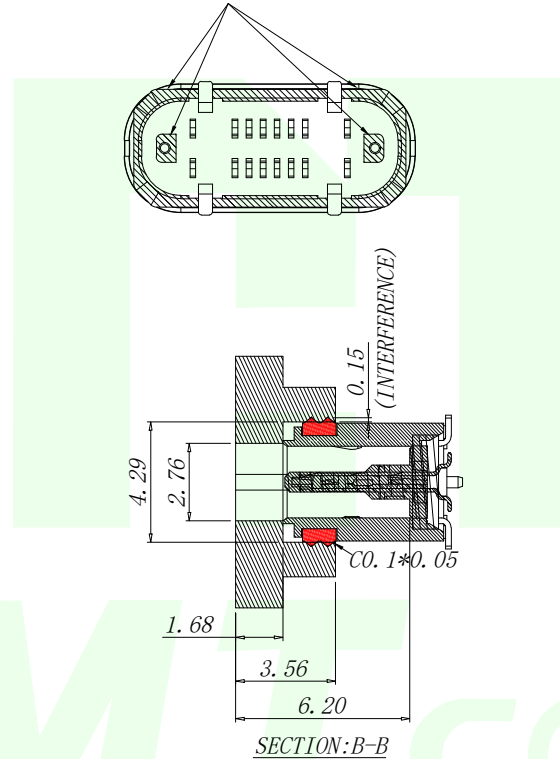
RECOMMENDED PCB LAYOUT (TOP VIEW)

THICKNESS 0.8 ± 0.1 MM; DEFAULT TOLERANCE: ± 0.05

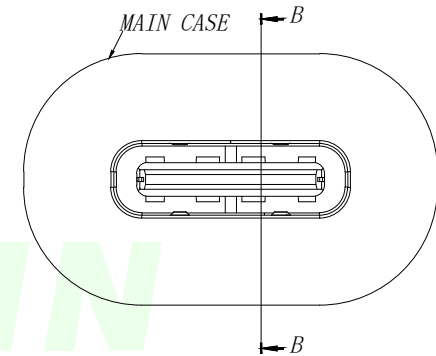
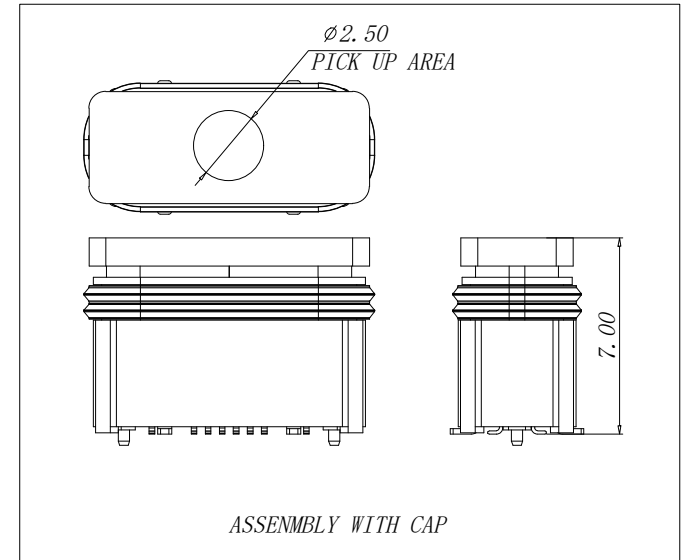
USB TYPE-C PIN ASSIGNMENTS

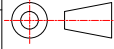
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

THERE IS SOME GLUE ON THE MAKE AREA (MAY BE)
IT IS NOT AFFECT SOLDERING



RECOMMENDED OPENING DIMENSIONS
OF CASE MATING AREA WITH SEALING RING



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. $^{\circ} \pm 10^{\circ}$	PART NO.	TITLE:	
.XX ± 0.20	.X. $^{\circ} \pm 8^{\circ}$	HMT-TYPE-C-16P-X5J4	USB TYPE C 16pos VERTIACL H=6.0mm IPX5	
.XXX ± 0.10	.XX. $^{\circ} \pm 5^{\circ}$	DESIGN: James	CUSTOMER	SIZE
MANUFACTURE DWG		CHED: Talen		UNITS
		APPD: Sophia		SCALE
				SHEET
			N:A	2/3

1 2 3 4 5 6 7 8

