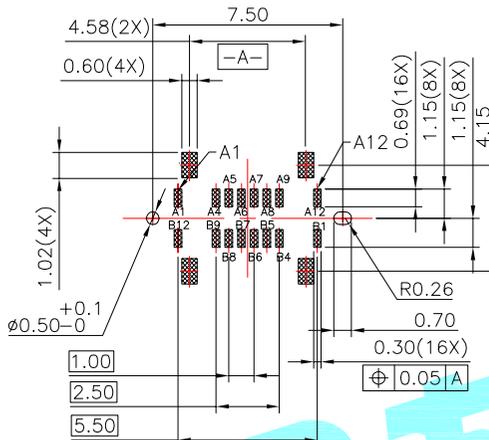
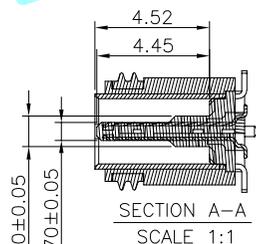
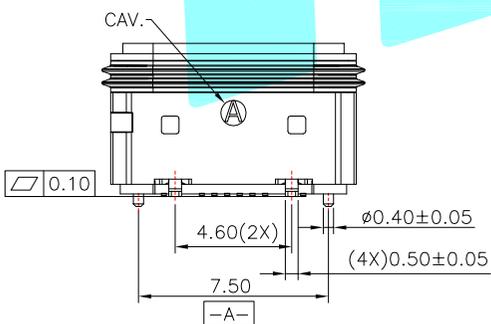
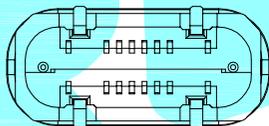
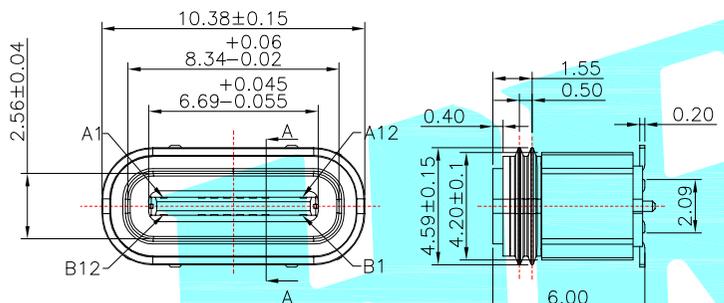
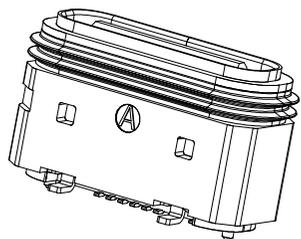
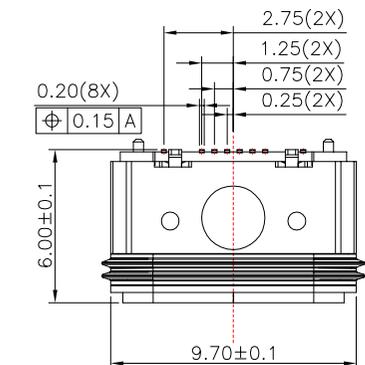


NOTE:

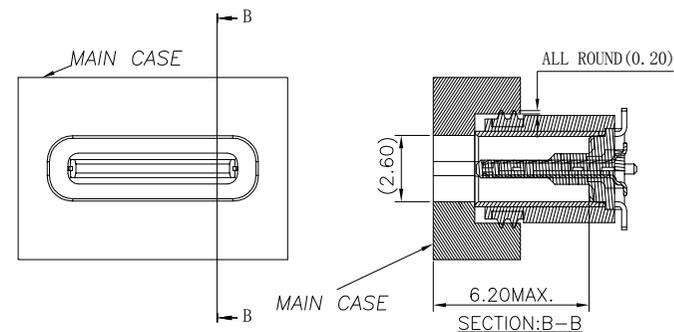
- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC
 - 2.TERMINAL: COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.FRONT SHELL: STAINLESS STEEL
 - 5.O-RING: GLUE
- 2.PLATING SPECIFICATION:
 - 2-1.TERMINAL:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au G/F PLATED ON THE CONTACT 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:5 V DC/AC (RMS. max)
CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
 - 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: -25°C~+85°C.
- 6.IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
- 7.WATERPROOF:IPX5



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05



A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



RECOMMENDED OPENING DIMENSIONS
OF CASE MATING AREA WITH SEALING RING
NAME(INTENDED USE)

APPROVALS		DATE	HROE® ELECTRONICS CO.,LTD		
DRAWN	LIUCAN	2022.11.23	TITLE:	USB CONNECTOR	
CHECKED			PART NO.	TYPE-C-31-E-17	
APPROVALS			TOLERANCES ARE	30~以上 ±0.30 10~30 ±0.25 5~10 ±0.20 ~ 5 ±0.15	ANGLE ±2'
ECN NO.	REV.	DATE.	UNIT: mm	SCALE: 1:1	PROJ:
			DRAWING NO.		SHEET 1 OF 1

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			