

RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

NOTES:

SPECIFICATION:

- CURRENT RATING: 3.0A MAX
- VOLTAGE: 100 VAC
- TEMPERATURE RANGE: -30 °C ~ 85 °C
- CONTACT RESISTANCE: 40 MILLIONHM MAX
- INSULATION RESISTANCE: 100 MEGOHMS MIN.
- INSERTION FORCE : 5N~20N
- UNMATING FORCE: 8N~20N
- DURABILITY: 10,000 CYCLES
- WATERPROOFNESS: THIS PRODUCT IS BASED ON IP67.

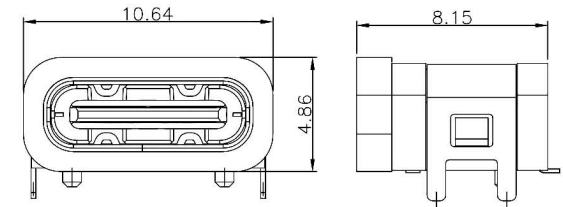
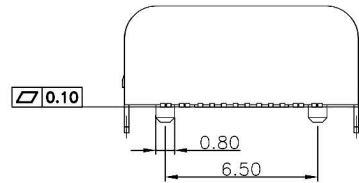
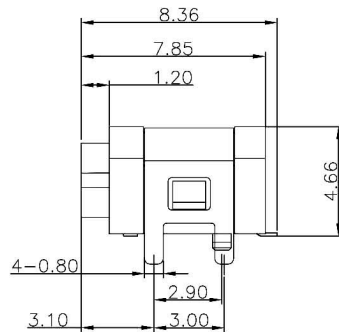
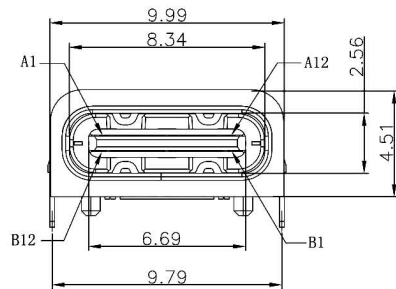
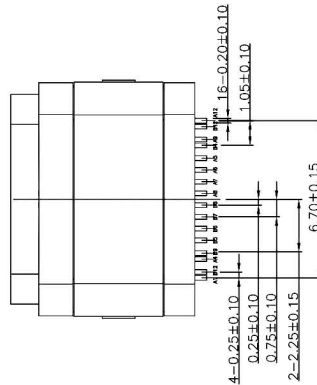


Diagram with waterproof ring



6	WATERPROOF RING	SILICA GEL	BLACK	1PCS
5	SHELL	STAINLESS STEEL	Ni Plated	1PCS
4	SHIELDING PLATE	STAINLESS STEEL	Ni Plated	1PCS
3	CONTACT	COPPER ALLOY	TiN/Au/Ni Plated	1SET
2	SHELL HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

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



RoHS  
Compliant

HSM 玄茂科技股份有限公司  
HSUAN MAO TECHNOLOGY CO., LTD.

APPD. 核准	<p>SCALE 比例 参考</p> <p>UNIT 單位 M M</p> <p>PAGE 張數 1 OF 1</p>	TOLERANCE 容許公差	<p>PART NAME 品名</p> <p>USB3.1 TYPE C WATERPROOF TYPE 16P FEMALE PIN FOOT: SMT TYPE NICKEL SHELL: DIP TYPE WITH LOCATING PEG GOLD FLASH PLATING REEL PACKING BLACK COLOR ROHS</p> <p>PART NO.</p> <p>料號 C8682-16CFGYBRR</p>
DWG. 製圖		SIZE. 紙張尺寸	
DATE 制表日		REV. 版次	
2022/04/21		A	