

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	05/15'24	Henry

ORDERING INFORMATION

CUSTOMER DRAWING

RoHS Compliant

U2FA - WRT1 (XX R)

1 2 3

1 PRODUCT SERIES:

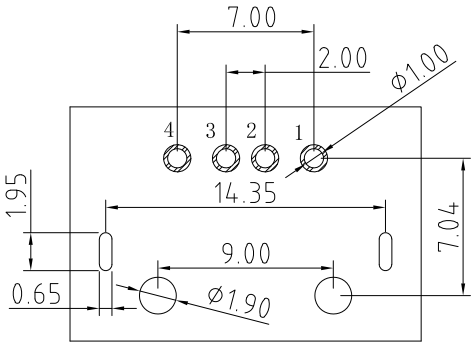
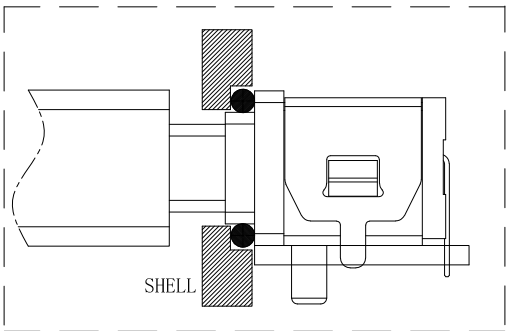
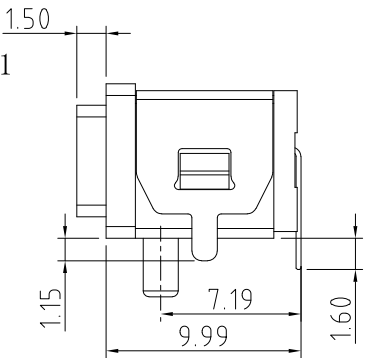
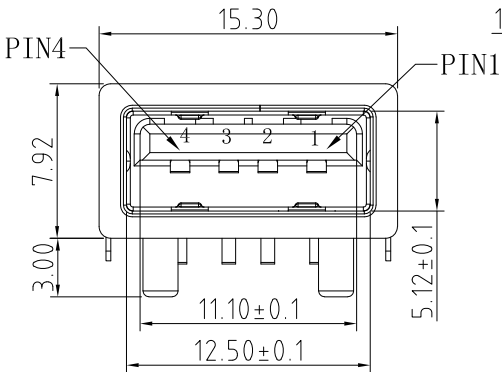
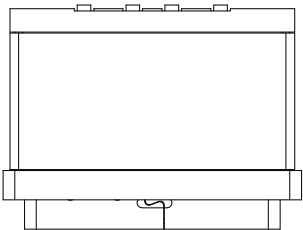
USB 2.0 connector-
Female(PCB) A type.

2 ITEM NO.:

Water Proof IPX8-On board
Right Angle - Dip Type.

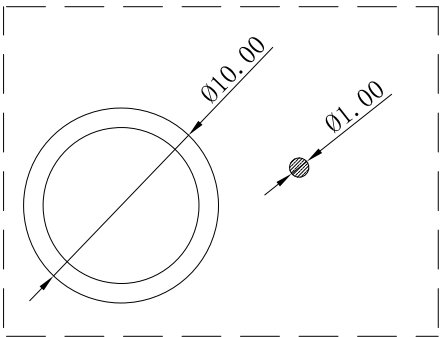
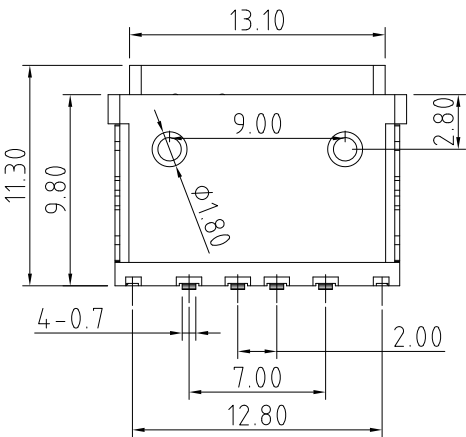
3 GOLD PLATING:

01: G/F.



RECOMMENDED PCB LAYOUT (TOP VIEW)

DEFAULT TOLERANCE ± 0.05
THICKNESS T=1.0mm



NOTES:

- MATERIAL:
 - HOUSING: HIGHT TEMP, UL94V-0.
 - CONTACT: Copper Alloy.
 - SHELL: SUS301.
 - Waterproof Ring: Silicon.
- PLATING:
 - CONTACT: GOLD ON CONTACT AREA OVER NICKEL UNDER-PLATED OVER ALL.
 - SHELL: NICKEL PLATED OVER ALL.
- SPECIFICATIONS:
 - RATED CURRENT: 3.0A
 - WITHSTAND VOLTAGE: 500VAC
 - CONTACT RESISTANCE: $\leq 30m\Omega$
 - INSULATION RESISTANCE: 1000 M Ω min
 - OPERATING TEMPERATURE: -40° C TO +85° C
 - DURABILITY: 1,500 cycles
 - INSERTION FORCE: 8-35N
 - EXTRACTION FORCE: 8-35N

PIN ASSIGNMENT

PIN NO.	1	2	3	4
SINGAL NAME	GND	D+	D-	VBUS

SUNFUN		SUNFUN TECHNOLOGY LTD								
DRAW NO.	U2FA- WRT1(A0)	DATE	MATERIAL: SEE NOTES			DRAW NAME: USB 2.0 connector-Female(PCB) A type. Water Proof IPX8, On board Right Angle, DIP Type.				
DESIGN:	Henry	05/15'24	FINISH: SEE NOTES							
CHECK:	Henry	05/15'24	FILE: U2FA- WRT1(A0)							
REVIEW:	David	05/15'24	P/N: U2FA- WRT1(XXR)							
APPROVED	David	05/15'24	REV. A0	SCALE		MODEL: USB 2.0 AF		UNIT: mm	SHEET: 1/1	