

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	06/12'25	Henry

CUSTOMER DRAWING
RoHS Compliant

ORDERING INFORMATION

U2FA - WRT2 (XX R)

1 2 3

1 PRODUCT SERIES:

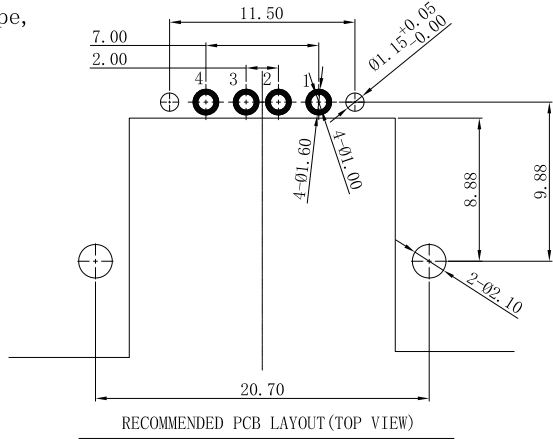
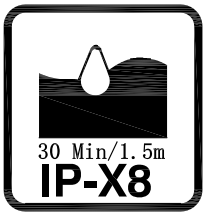
USB 2.0 connector-
Female(PCB) A type.

2 ITEM NO.:

Right Angle, Sink type,
Waterproof IPX8 .

3 GOLD PLATING:

01: G/F.



NOTES:

1. MATERIAL:

- 1.1 HOUSING: HIGHT TEMP, UL94V-0.
- 1.2 CONTACT: Copper Alloy.
- 1.3 SHELL: SUS301.
- 1.4 Waterproof Ring: Silicon.

2. PLATING

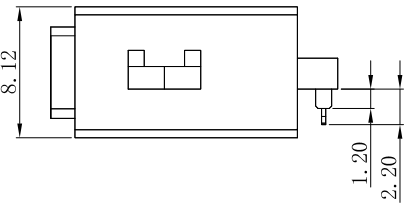
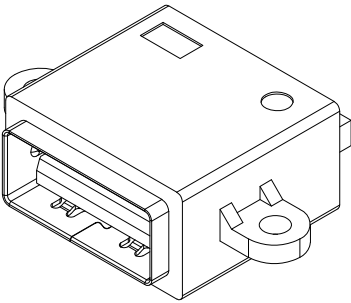
- 2.1 CONTACT: GOLD ON CONTACT AREA OVER NICKEL UNDER-PLATED OVER ALL.
- 2.2 SHELL: NICKEL PLATED OVER ALL.

3. SPECIFICATIONS:

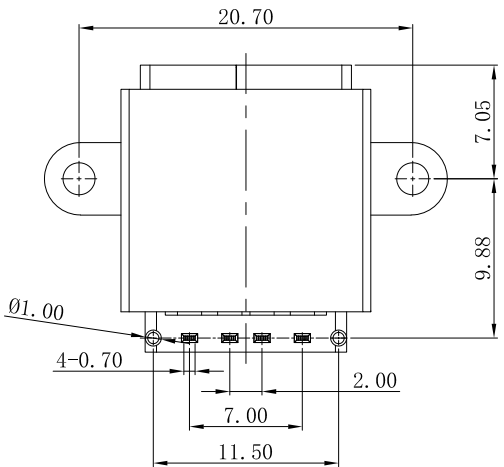
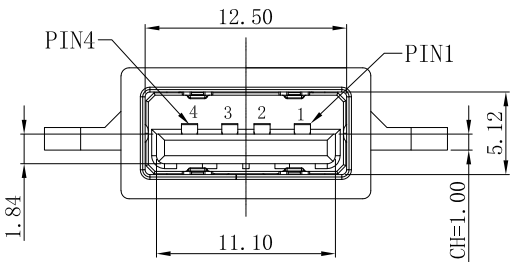
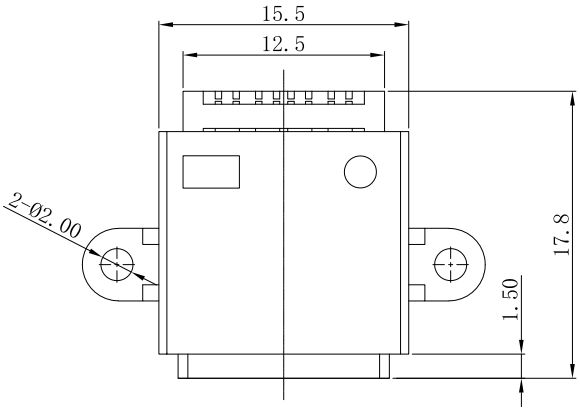
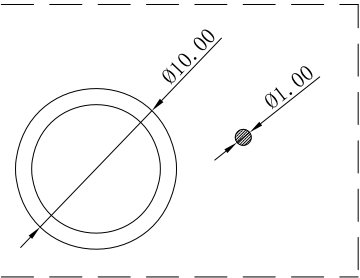
- 3.1 RATED CURRUNT: 3.0A
- 3.2 WITHSTAND VOLTAGE: 100VAC
- 3.3 CONTACT RESISTANCE: $\leq 40m\Omega$
- 3.4 INSULATION RESISTANCE: $100 M\Omega$ min
- 3.5 OPERATING TEMPERATURE: -40° C TO +85° C
- 3.6 DURABILITY: 1,500 cycles
- 3.7 INSERTION FORCE: 8-35N
- 3.8 EXTRACTION FORCE: 8-35N

SUNFUN			SUNFUN TECHNOLOGY LTD			
DRAW NO.	U2FA- WRT2(A0)	DATE	MATERIAL:	SEE NOTES		DRAW NAME:
DESIGN:	Henry	06/12'25	FINISH:	SEE NOTES		USB 2.0 connector-Female(PCB) A type.
CHECK:	Henry	06/12'25	FILE:	U2FA- WRT2(A0)		Right Angle, Sink type,
REVIEW:	David	06/12'25	P/N:	U2FA- WRT2(XXR)		Waterproof IPX8 .
APPROVED	David	06/12'25	REV.	A0	SCALE	MODEL: USB 2.0 AF
						UNIT: mm
						SHEET: 1/1

3D VIEW



Waterproof Ring dimension:



PIN ASSIGNMENT

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