

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	07/15'22	Sun

ORDERING INFORMATION

MCCF - YW0N1 (XX T)

1 2 3

1 PRODUCT SERIES:

USB C TYPE connector –
Receptacle (Female) side.

2 ITEM NO.:

Right Angle– Single Row 6pin
4Dip+SMD With 2Post/ Waterproof IPX7

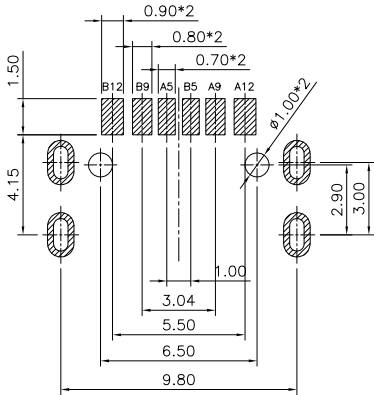
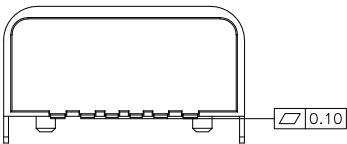
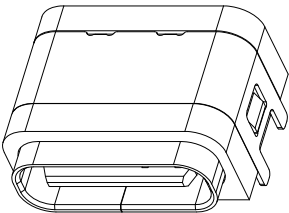
CUSTOMER DRAWING

RoHS Compliant

3 GOLD PLATING :

01: G/F.

3D VIEW



RECOMMENDED P.C.B. LAYOUT

GENERAL TOLERANCE: ±0.05mm

NOTES:

1. MATERIAL:
(1) HOUSING: HIGH TEMP plastic, UL94 V-0.
(2) CONTACT: Copper Alloy.
(3) SHELL: Stainless Steel.
(4) Waterproof Ring: Silicone.

2. PLATED:
(1) CONTACT: GOLD ON CONTACT AREA OVER NICKEL PLEATED OVERALL.
(2) SHELL: NICKEL PLATED OVERALL.

3. SPECIFICATIONS:
(1) CURRENT RATING: 3.0A MAX.
(2) DIELECTRIC WITHSTAND VOLTAGE: 100VAC.
(3) TEMPERATURE RANGE: -40°C ~ +85°C.
(4) CONTACT RESISTANCE: 40 MILLIONHM MAX.
(5) INSERTION FORCE : 5N~20N.
(6) UN-MATING FORCE: 8N~20N.
(7) DURABILITY:10,000 CYCLES.
(8) WATERPROOF: THIS PRODUCT IS BASED ON IPX7.

PIN ASSIGNMENT:

PIN NO	A5	A9	A12	B12	B9	B5
SIGNAL NAME	CC1	VBUS	GND	GND	VBUS	CC2

DIM	TOL	DIM	TOL
X.X	±0.30	X.X'	±3.0'
X.XX	±0.20	X.XX'	±2.0'
X.XXX	±0.10	X.XXX'	±1.0'

SUNFUN		SUNFUN TECHNOLOGY LTD			
DRAW NO.	MCCF-YW0N1(A0)	DATE	07/15'22	MATERIAL:	SEE NOTES
DESIGN:	Sun	07/15'22	FINISH:	SEE NOTES	
CHECK:	Sun	07/15'22	FILE:	MCCF-YW0N1(A0)	
REVIEW:	Rui	07/15'22	P/N:	MCCF-YW0N1(XXT)	
APPROVED	Rui	07/15'22	REV.	A0	SCALE
				DRAW NAME:	USB C Type CONN – FEMALE Right Angle/ Single Row 6pin 4Dip+SMD With 2Post/Waterproof IPX7
				MODEL:	USB C TYPE CONN
				UNIT:	mm
				SHEET:	1/1