REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	01/15'26	Sun

CUSTOMER DRAWING

RoHS Compliant

ORDERING INFORMATION

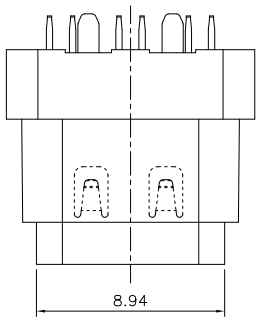
MCCFT - W1V2 (XX T)
[1] [2] [3]

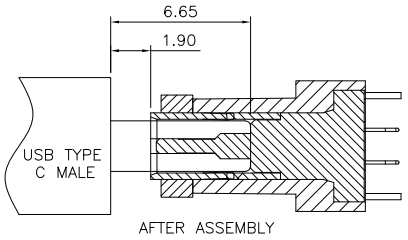
[1] *PRODUCT SERIES:*
USB C TYPE connector – Receptacle (Female) side.

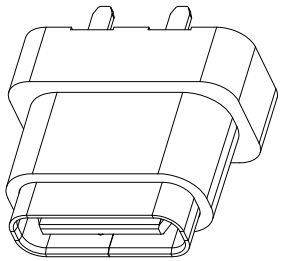
[2] *ITEM NO.:*
Vertical– Dual Row /DIP 16pin
Body 10.20H/ Waterproof IPX7

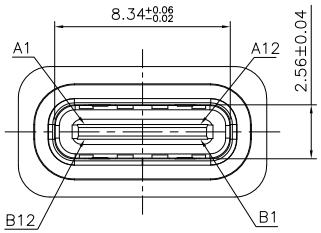
[3] *GOLD PLATING :*
01: G/F.

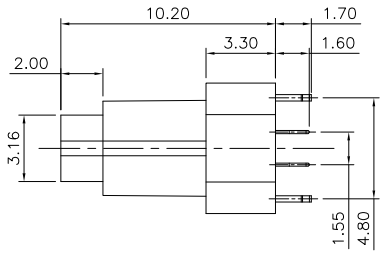
3D VIEW

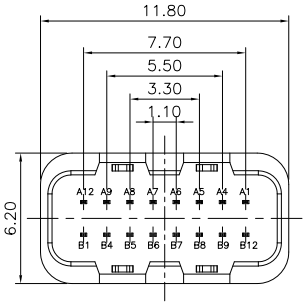


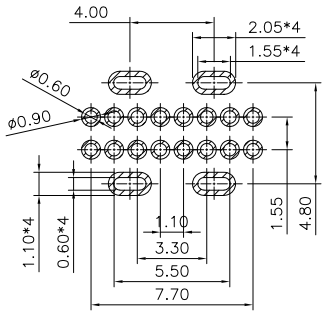




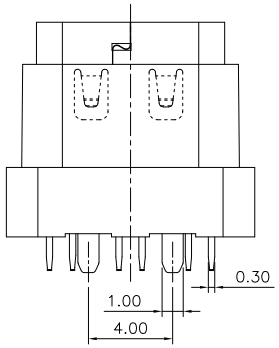


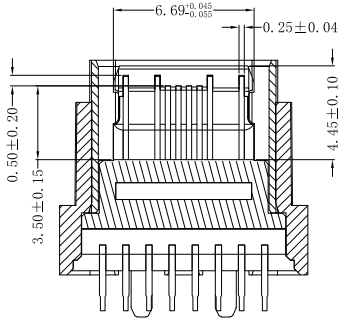


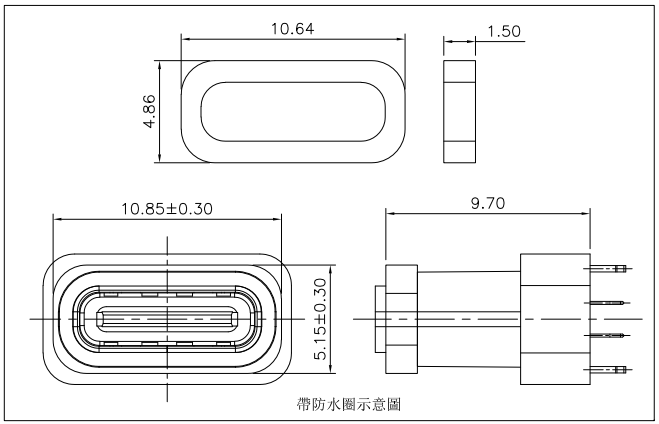




RECOMMEND P.C.B LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm







帶防水圈示意圖

NOTES:
1. Material:
 1–1. Housing: High Temp, UL94 V–0.
 1–2. Contact: Copper Alloy.
 1–3. Mid Plate: Stainless Steel.
 1–4. Shell: Stainless Steel.
 1–5. Waterproof Ring: Silicon.
 1–6. Cap: High Temp, UL94 V–0.
2. Plating:
 2–1. Contacts: Gold on contact area over Nickel. under plated over all.
 2–2. Shell: Nickel under plated over all.
 2–3. Mid Plate: Clear only.
3. Mechanical performance:
 3–1. Insertion force: 5~20N.
 3–2. Removal force: 8~20N.
 3–3. Durability: 10,000 cycles.
4. Electrical performance:
 4–1. Current rating: 5.0A Max.
 4–2. Voltage: 20V Max.
 4–3. Withstanding Voltage: 100V AC
 4–4. Contact Resistance: 40mΩ Max Initial. 50 mΩ Max After 10,000 Cycles.
5. Environmental performance:
 5–1. Operation temperature: –40°C~+85°C.
 5–2. Waterproof performance: IPX7.

PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SINGAL NAME	GND	VBUS	SBU2	CC1	DN2	DP1	DN1	DP2	SBU1	CC2	VBUS	GND

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.	MCCFT-W1V2(A0)	DATE	MATERIAL: SEE NOTES	DRAW NAME:	
DESIGN:	Sun	01/15'26	FINISH: SEE NOTES	USB C Type CONN – FEMALE Vertical– Dual Row /16pin Body 10.20H/ Waterproof IPX7	
CHECK:	Sun	01/15'26	FILE: MCCFT-W1V2(A0)	MODEL: USB C TYPE CONN	
REVIEW:	Jeff	01/15'26	P/N: MCCFT-W1V2(XXT)	UNIT: mm	SHEET: 1/1
APPROVED:	Jeff	01/15'26	REV. A0 SCALE		