REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	05/16'26	Sun

CUSTOMER DRAWING

RoHS Compliant

ORDERING INFORMATION

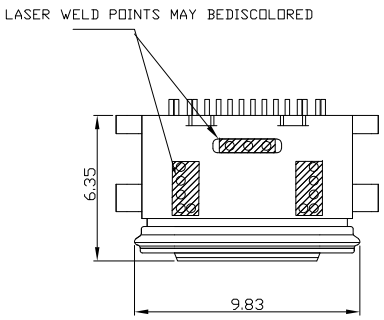
MCCFT - W1K2 (XX T)
[1] [2] [3]

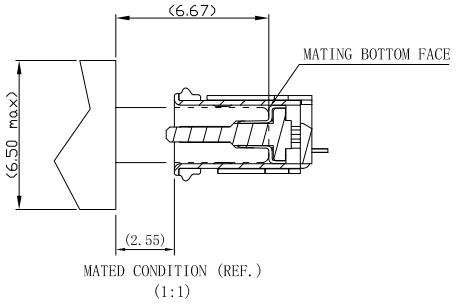
[1] *PRODUCT SERIES:*
USB C TYPE connector – Receptacle (Female) side.

[2] *ITEM NO.:*
Right Angle– Single Row SMD 16pin
Sink0.8/ Body 6.0L
Waterproof IPX8

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

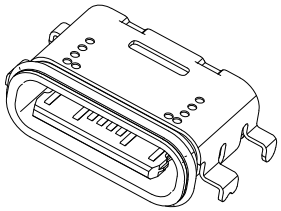
LASER WELD POINTS MAY BEDISCOLORED

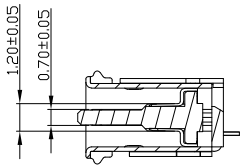


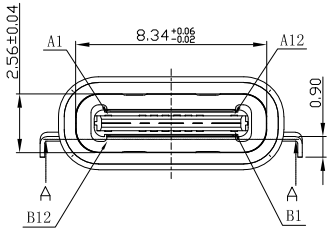


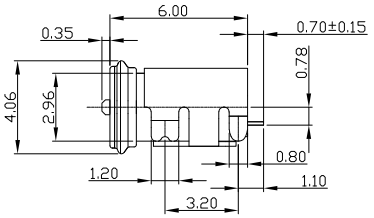
MATED CONDITION (REF.)
(1:1)

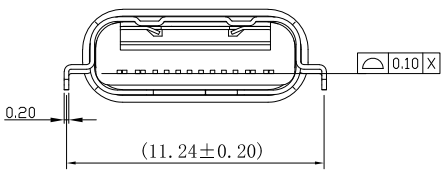
3D VIEW

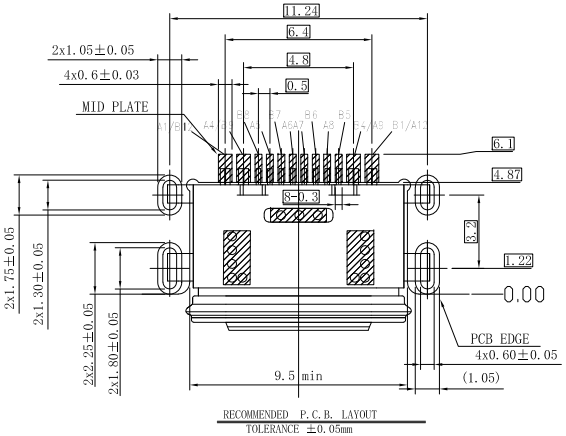








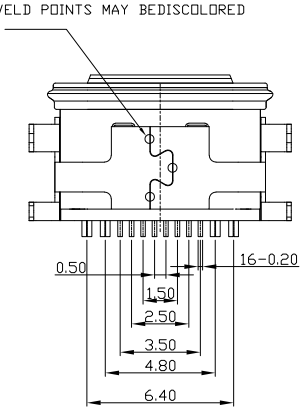


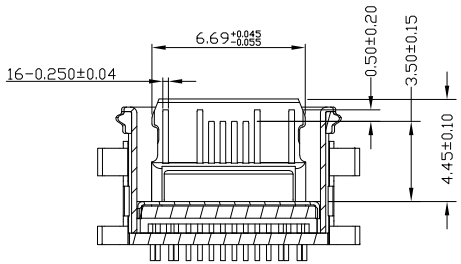


NOTES:

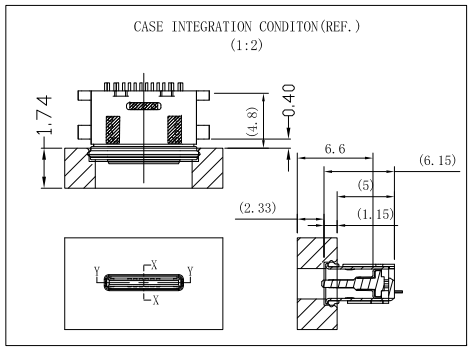
1. Material:
   1-1. Housing: High Temp, UL94 V-0.
   1-2. Contact: Copper Alloy.
   1-3. Mid Plate: Stainless Steel.
   1-4. Shell: Stainless Steel.
   1-5. Waterproof Ring: Silicon.
2. Plating:
   2-1. Contacts: Gold on contact area over Nickel. under plated over all.
   2-2. Shell: Nickel under plated 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.

LASER WELD POINTS MAY BEDISCOLORED





SECTION A-A



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-W1K2(A0)	DATE	
DESIGN:	Sun	05/16'26	
CHECK:	Sun	05/16'26	
REVIEW:	Jeff	05/16'26	
APPROVED:	Jeff	05/16'26	
MATERIAL: SEE NOTES			
FINISH: SEE NOTES			
FILE: MCCFT-W1K2(A0)			
P/N: MCCFT-W1K2(XXT)			
REV. A0	SCALE		
DRAW NAME: USB C Type CONN – FEMALE Right Angle/ Single Row SMD 16pin / Sink0.8/ Body 6.0L Waterproof IPX7			
MODEL: USB C TYPE CONN			
UNIT: mm	SHEET: 1/1		