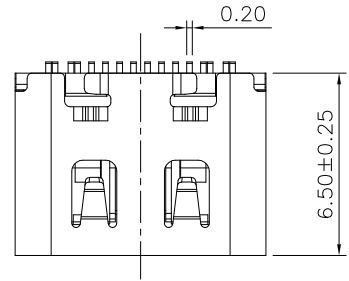
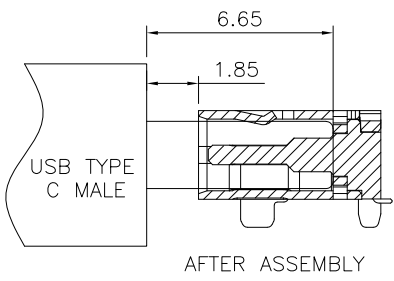
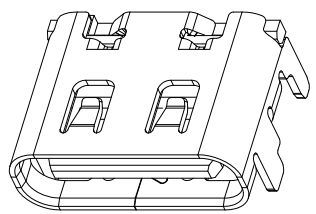


REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	03/20'25	Sun

A
B
C
D
E
F
G
H



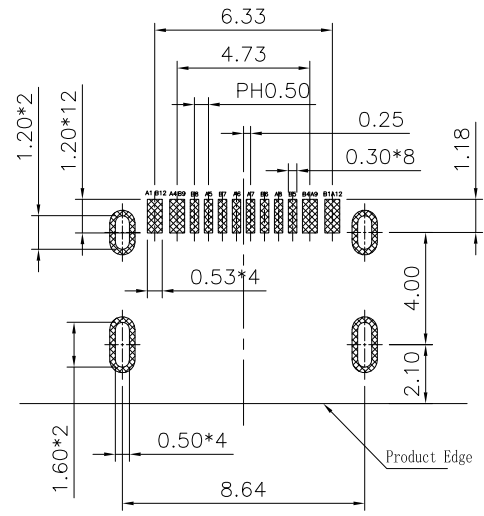
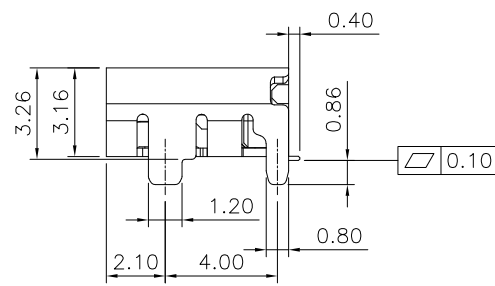
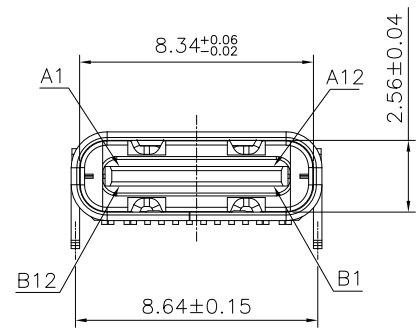
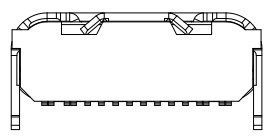
3D VIEW



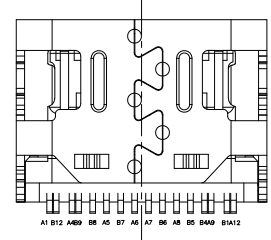
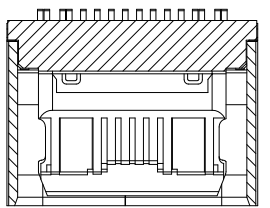
ORDERING INFORMATION
MCCFT -R1Y1 (XX T)
① ② ③

CUSTOMER DRAWING
RoHS Compliant

- ① **PRODUCT SERIES:**
USB C TYPE connector –
Receptacle (Female) side.
- ② **ITEM NO.:**
Right Angle– Single Row SMD 16pin
On board type/ Body 6.5L
- ③ **GOLD PLATING :**
01: G/F
03: 3u"



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE:±0.05



- NOTES:
- MATERIAL:**
(1) HOUSING: HIGH TEMP plastic, UL94 V-0.
(2) CONTACT: COPPER ALLOY.
(3) MID PLATE: STAINLESS STEEL.
(4) SHELL: STAINLESS STEEL.
 - PLATED:**
(1) CONTACT: GOLD ON CONTACT AREA OVER NICKEL PLEATED OVER ALL.
(2) SHELL: NICKEL PLATED OVER ALL.
(3) MID PLATE: CLEAR ONLY
 - MECHANICAL PERFORMANCE,**
3-1.INSERTION FORCE: 5~20N.
3-2.REMOVAL FORCE: 8~20N.
3-3.DURABILITY: 10,000 CYCLES.
 - ELECTRICAL PERFORMANCE,**
4-1. CURRENT RATING: 5A FOR TOTAL VBUS/GND PINS;
1.25A FOR CC PIN. 0.25 A FOR ALL OTHER CONTACT.
4-2. VOLTAGE RATING:20V
4-3. CONTACT RESISTANCE: 40 mΩ MAX INITIAL;
50 mΩ MAX AFTER 10,000 CYCLES
 - ENVIRONMENTAL PERFORMANCE:**
OPERATING TEMPERATURE: -40°C~+85°C.

PIN ASSIGNMENTS

PIN NO.	A1	A4	A5	A6	A7	A8	A9	A12
SIGNAL NAME	GND	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	GND
PIN NO.	B12	B9	B8	B7	B6	B5	B4	B1
SIGNAL NAME	GND	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	GND

DIM	TOL
X.X	±0.30
X.XX	±0.20
X.XXX	±0.10

SUNFUN			SUNFUN TECHNOLOGY LTD		
DRAW NO.	MCCFT-R1Y1(A0)	DATE	MATERIAL:	SEE NOTES	DRAW NAME:
DESIGN:	Sun	03/20'25	FINISH:	SEE NOTES	USB C Type CONN – FEMALE Right Angle– Single Row SMD 16pin On board type/ Body 6.5L
CHECK:	Sun	03/20'25	FILE:	MCCFT-R1Y1(A0)	MODEL: USB C TYPE CONN
REVIEW:	Jeff	03/20'25	P/N:	MCCFT-R1Y1(XXT)	UNIT: mm
APPROVED	Jeff	03/20'25	REV.	A0	SHEET: 1/1
			SCALE		