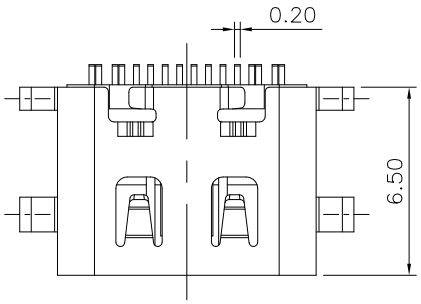
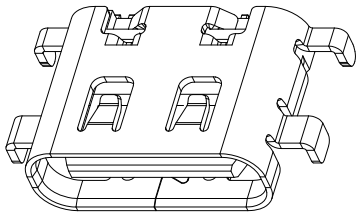
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
N2			UPDATE THE LAYOUT	10/19'26	Sun

CUSTOMER DRAWING

RoHS Compliant



3D VIEW



ORDERING INFORMATION

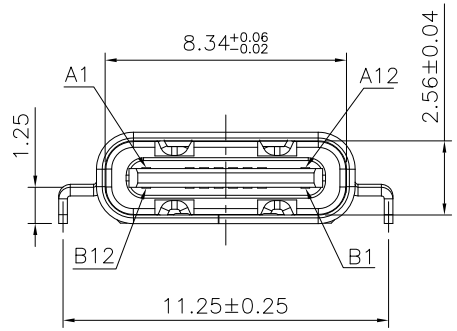
MCCFT -Z1K2 (XX T)

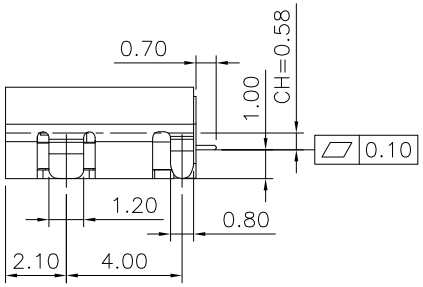
[1] [2] [3]

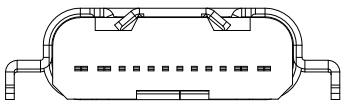
[1] *PRODUCT SERIES:*
USB C TYPE connector - Receptacle (Female) side.

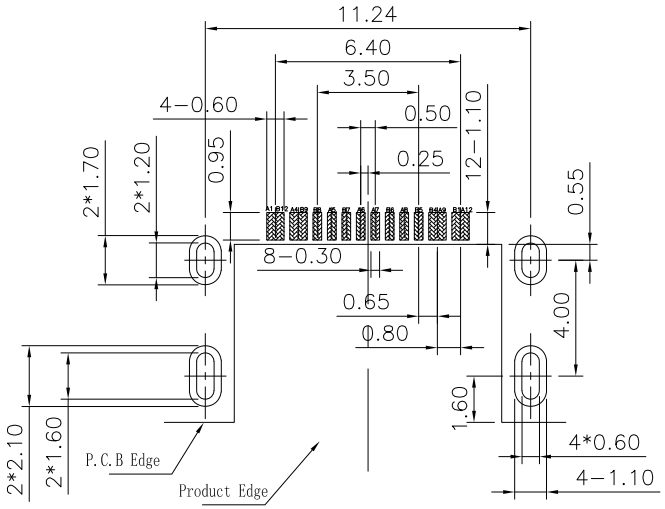
[2] *ITEM NO.:*
Right Angle- Single Row SMD 16pin Sink1.0/ Body 6.5L

[3] *GOLD PLATING :*
01: G/F.
03: 3u".
15: 15u".
30: 30u".

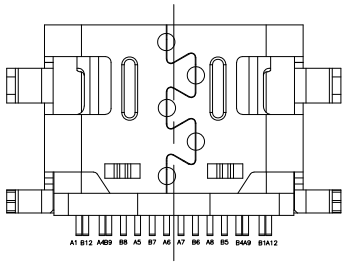


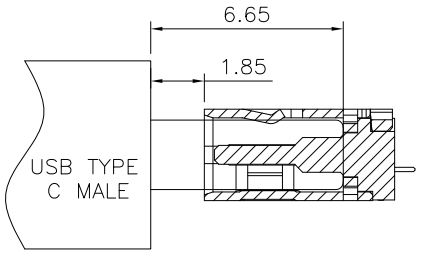






RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm





NOTES:

1. MATERIAL:
   (1) HOUSING: HIGH TEMP plastic, UL94 V-0.
   (2) CONTACT: COPPER ALLOY.
   (3) MID PLATE: STAINLESS STEEL.
   (4) SHELL: STAINLESS STEEL.
2. PLATED:
   (1) CONTACT: GOLD ON CONTACT AREA OVER NICKEL PLEATED OVER ALL.
   (2) SHELL: NICKEL PLATED OVER ALL.
   (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
   4-2. VOLTAGE RATING:20V
5. 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-Z1K2(N2)	DATE	MATERIAL: SEE NOTES	DRAW NAME: *USB C Type CONN – FEMALE Right Angle– Single Row SMD 16pin Sink1.0 /Body 6.5L*
DESIGN:	Sun	10/19'26	FINISH: SEE NOTES	
CHECK:	Sun	10/19'26	FILE: MCCFT-Z1K2(N2)	MODEL: USB C TYPE CONN
REVIEW:	Rui	10/19'26	P/N: MCCFT-Z1K2(XXT)	UNIT: mm / SHEET: 1/1
APPROVED	Rui	10/19'26	REV. N2 / SCALE	