

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	11/06'24	Hank

ORDERING INFORMATION

MCCFT - R1K7 (XX T)

① PRODUCT SERIES:

USB C TYPE connector –
Receptacle (Female) side.

② ITEM NO.:

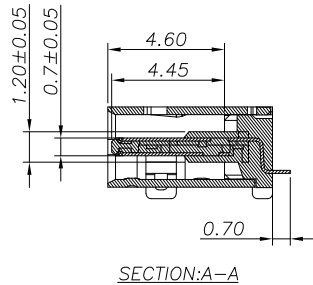
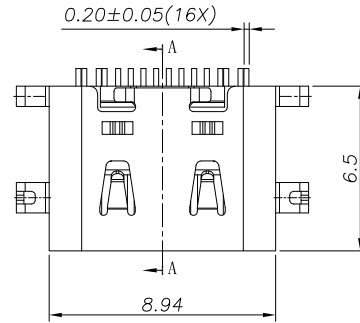
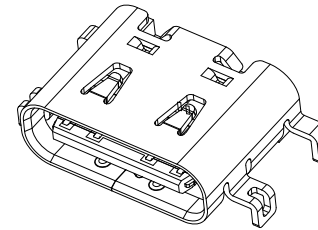
Right Angle– Single Row SMD 16pin
Sink0.54mm/ Body 6.5L

CUSTOMER DRAWING

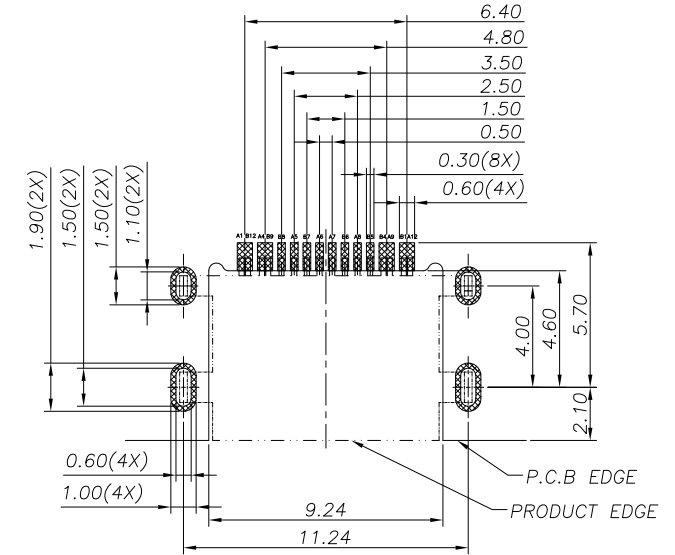
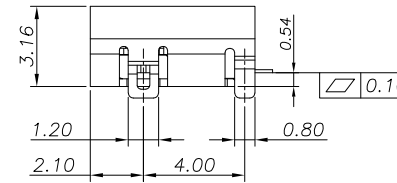
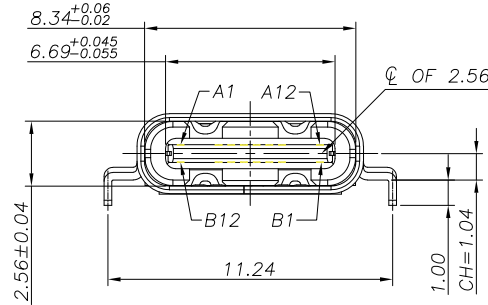
RoHS Compliant

③ GOLD PLATING :
See table.

3D VIEW



SECTION:A-A



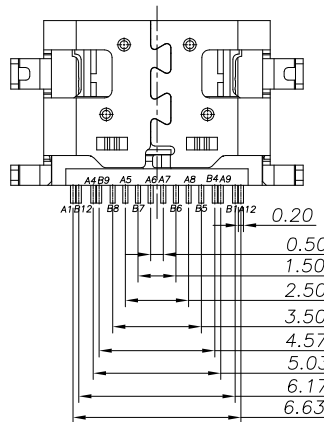
RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE:±0.05

NOTES:

- MATERIAL:
 - HOUSING: HIGH TEMP PLASTIC, UL94 V-0.
 - CONTACT: HIGH CONDUCTIVITY COPPER.
 - MID PLATE: STAINLESS STEEL.
 - SHELL: STAINLESS STEEL.
- PLATING:
 - CONTACT: SEE TABLE.
 - SHELL: SEE TABLE.
 - MID PLATE: CLEAR ONLY.

TABLE:

MCCFT-R1K7(AFT)	GOLD 30u" PLATED ON CONTACT AREA GOLD 1u"Min PLATED ON SOLDER TAIL 50~80u" NICKEL UNDERPLATING OVERALL	30~50u" NICKEL UNDERPLATING OVERALL
MCCFT-R1K7(30T)	GOLD 30u" PLATED ON CONTACT AREA 50~80u" NICKEL UNDERPLATING OVERALL	30~50u" NICKEL UNDERPLATING OVERALL
MCCFT-R1K7(03T)	GOLD 3u"Min PLATED ON CONTACT AREA 50~80u" NICKEL UNDERPLATING OVERALL	30~50u" NICKEL UNDERPLATING OVERALL
MCCFT-R1K7(01T)	GOLD FLASH PLATED ON CONTACT AREA 50~80u" NICKEL UNDERPLATING OVERALL	30~50u" NICKEL UNDERPLATING OVERALL
PRODUCT P/N	CONTACT PLATED	SHELL PLATED



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

SUNFUN

SUNFUN TECHNOLOGY LTD

DRAW NO.	MCCFT-R1K7(A0)	DATE	11/06'24	MATERIAL:	SEE NOTES	DRAW NAME:	USB C Type CONN – FEMALE
DESIGN:	Hank	11/06'24	FINISH:	SEE NOTES		Right Angle– Single Row SMD 16pin	
CHECK:	Hank	11/06'24	FILE:	MCCFT-R1K7(A0)		Sink0.54 /Body 6.5L	
REVIEW:	Rui	11/06'24	P/N:	MCCFT-R1K7(XXT)		MODEL:	USB C TYPE CONN
APPROVED	Rui	11/06'24	REV. A0	SCALE		UNIT:	mm
						SHEET:	1/1

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

