

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	06/02'23	Johnson

3D VIEW

CUSTOMER DRAWING

RoHS Compliant

ORDERING INFORMATION

MCCFT - W2B1 (XX T)

① ② ③

① PRODUCT SERIES:

USB C TYPE connector -
Receptacle (Female) side.

② ITEM NO.:

Right Angle- Dual Row 24pin
Dip+SMD pin/ Waterproof IP68

③ GOLD PLATING :

01: G/F.

NOTES:

(1) MATERIALS:

1. HOUSING: HIGH TEMP,UL94 V-0.
2. CONTACTS: COPPER ALLOY.
3. MID PLATE: STAINLESS STEEL.
4. SHELL: STAINLESS STEEL.
5. WATERPROOF RING: RUBBER.

(2) PLATING:

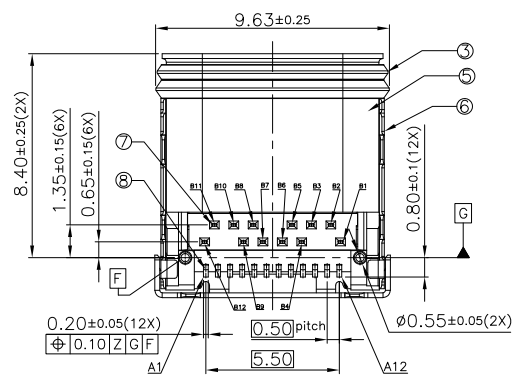
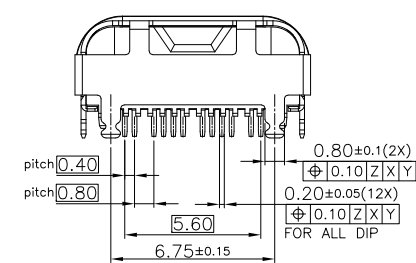
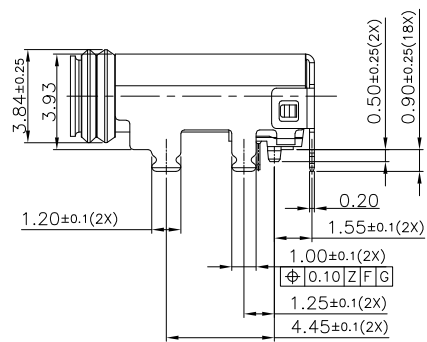
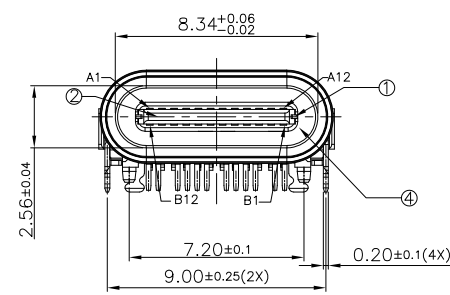
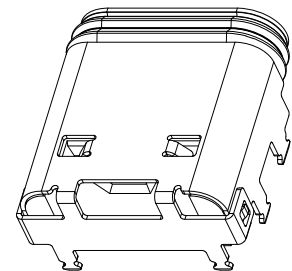
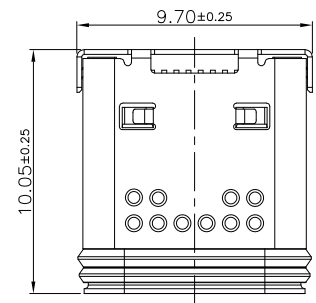
1. CONTACT: GOLD ON CONTACT AREA OVER NICKEL PLATED OVER ALL.
2. SHELL: NICKEL PLATED OVER ALL.

(3) MECHANICAL PERFORMANCE:

1. INSERTION FORCE: 5~20N.
2. REMOVAL FORCE: 8~20N.
3. DURABILITY: 10,000 Cycles.

(4) ELECTRICAL PERFORMANCE:

1. CURRENT RATING:5.0A
 2. VOLTAGE RATING:5.0V
 3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 4. INSULATION RESISTANCE: 100MΩ MIN.
 5. DIELECTRIC WITHSTAND VOLTAGE: AC 100V FOR 1 MINUTE.
- (5) ENVIRONMENTAL PERFORMANCE:
1. OPERATING TEMPERATURE: -40°C~+85°C.

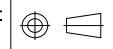


DIM	TOL	DIM	TOL
X.X	±0.30	X.X*	±3.0°
X.XX	±0.20	X.XX*	±2.0°
X.XXX	±0.10	X.XXX*	±1.0°

SUNFUN		SUNFUN TECHNOLOGY LTD			
DRAW NO.	MCCFT-W2B1(A0)	DATE	06/02'23	MATERIAL:	SEE NOTES
DESIGN:	Johnson	06/02'23	FINISH:	SEE NOTES	
CHECK:	Johnson	06/02'23	FILE:	MCCFT-W2B1(A0)	
REVIEW:	Frank	06/02'23	P/N:	MCCFT-W2B1(XXT)	
APPROVED	Frank	06/02'23	REV. A0	SCALE	
				UNIT:	mm
				SHEET:	1/2

DRAW NAME:
USB C Type CONN - FEMALE
Right Angle- Dual Row 24pin
Dip+SMD pin/ Waterproof IP68

MODEL: USB C TYPE CONN

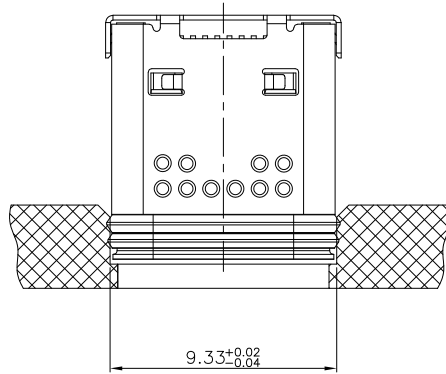
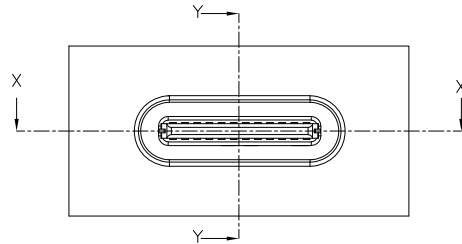


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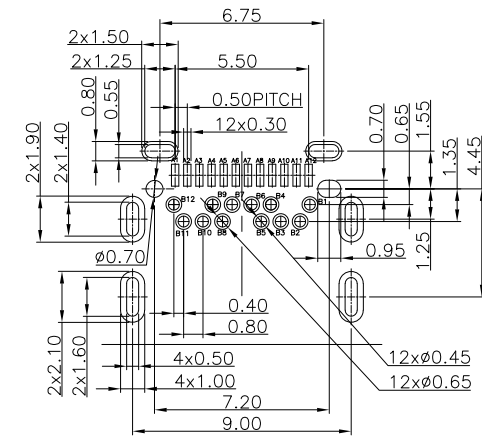
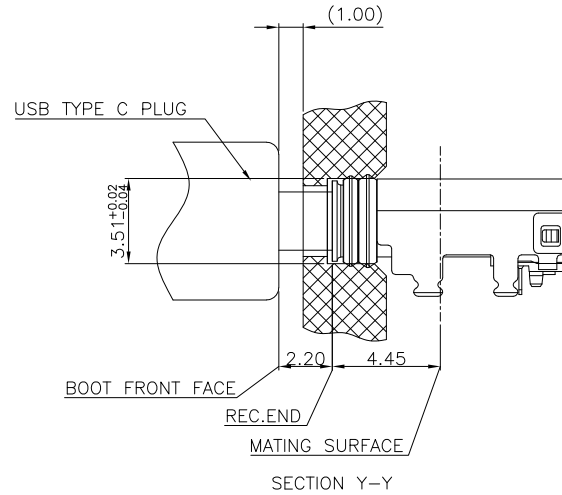
CUSTOMER DRAWING

RoHS Compliant

RECOMMENDED OPENING DIMENSIONS OF CASE MATING
AREA WITHS EALING RING



SECTION X-X



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

PIN ASSIGNMENT

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBus	B9	VBus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBus	B4	VBus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	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'

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APPROVED	Frank	06/02'23	REV. A0	SCALE	
				DRAW NAME:	USB C Type CONN - FEMALE
				Right Angle- Dual Row 24pin	
				Dip+SMD pin/ Waterproof IP68	
				MODEL: USB C TYPE CONN	
				UNIT:	mm
				SHEET:	2/2