

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	05/18'22	Johnson

ORDERING INFORMATION

MCCFT - W2M1 (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 IPX8

CUSTOMER DRAWING

RoHS Compliant

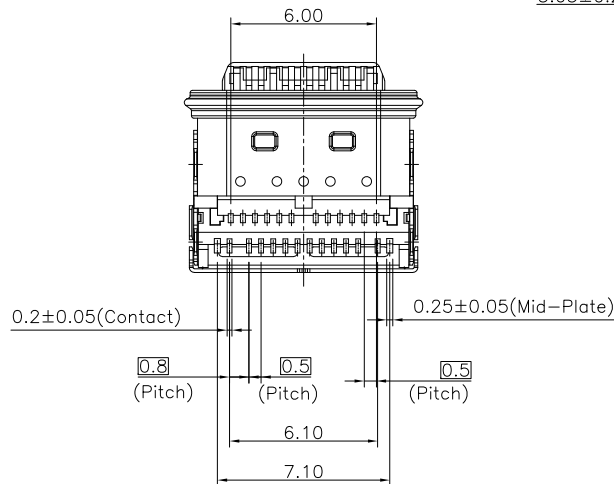
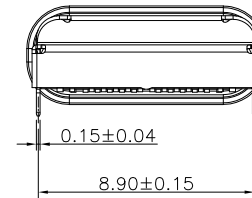
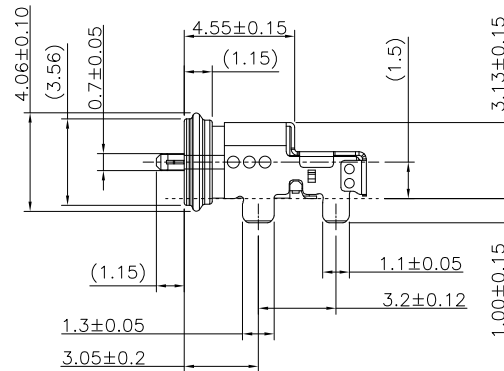
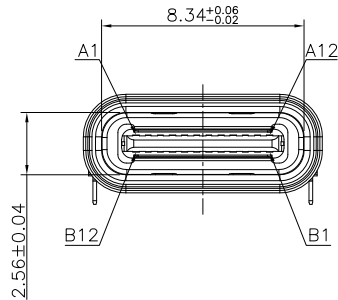
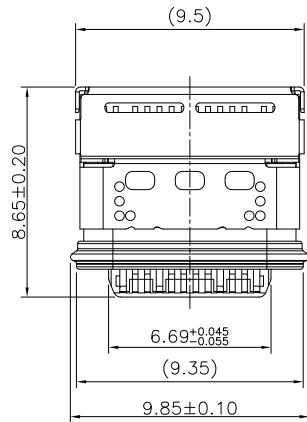
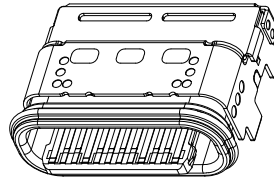
③ **GOLD PLATING :**
04: 4u”.

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 Cycels.
- (4) ELECTRICAL PERFORMANCE:
1. CURRENT RATING:5.0A
 2. VOLTAGE RATING:20V
 3. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
 4. INSULATION RESISTANCE: 100MΩ MIN.
 5. DIELECTRIC WITHSTAND VOLTAGE: AC 100V FOR 1 MINUTE.
- (5) ENVIRONMENTAL PERFORMANCE:
1. OPERATING TEMPERATURE: -40°C~+85°C.

SUNFUN			SUNFUN TECHNOLOGY LTD			
DRAW NO.	MCCFT-W2M1(A0)	DATE	MATERIAL: SEE NOTES		DRAW NAME:	
DESIGN:	Johnson	05/18'22	FINISH: SEE NOTES		USB C Type CONN – FEMALE	
CHECK:	Johnson	05/18'22	FILE: MCCFT-W2M1(A0)		Right Angle– Dual Row 24pin	
REVIEW:	Frank	05/18'22	P/N: MCCFT-W2M1(XXT)		Dip+SMD pin/ Waterproof IPX8	
APPROVED	Frank	05/18'22	REV. A0	SCALE	MODEL: USB C TYPE CONN	
					UNIT: mm	SHEET: 1/2
						

3D VIEW

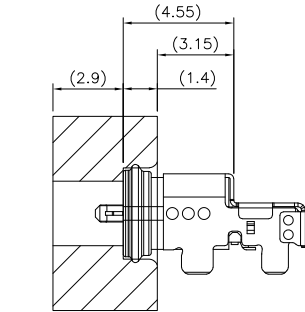
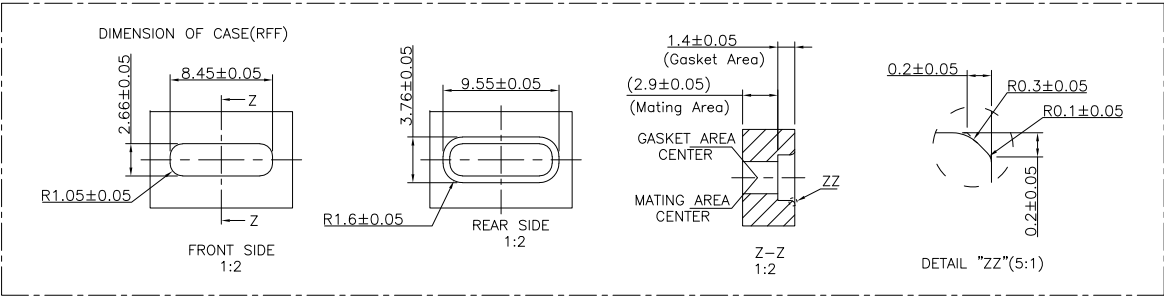


DIM	TOL	DIM	TOL
X.X	±0.30	X.X*	±3.0*
X.XX	±0.20	X.XX*	±2.0*
X.XXX	±0.10	X.XXX*	±1.0*

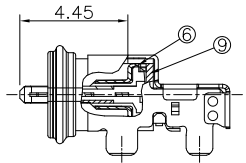
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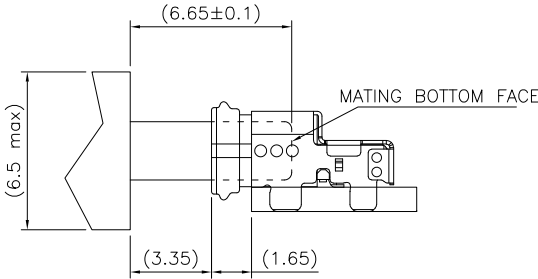
RoHS Compliant



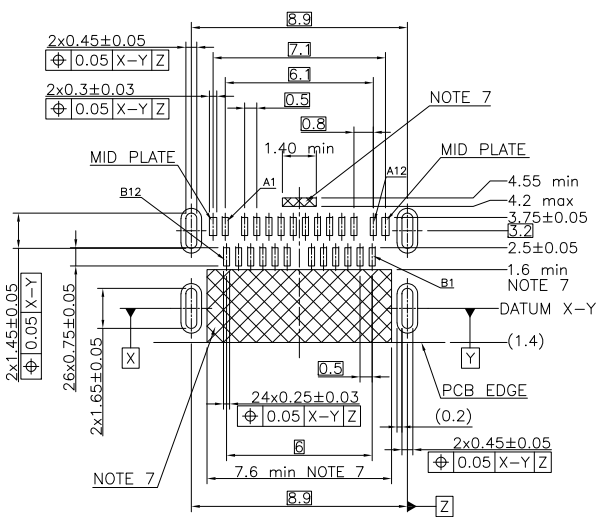
CASE INTEGRATION CONDITON(REF.)



PARTIAL CROSS-SECTION A (1:1)



MATED CONDITION (REF.) (1:1)



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	05/18'22	REV.	A0	SCALE
				DRAW NAME:	USB C Type CONN - FEMALE
				Right Angle- Dual Row 24pin	
				Dip+SMD pin/ Waterproof IPX8	
				MODEL:	USB C TYPE CONN
				UNIT:	mm
				SHEET:	2/2