

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			NEW RELEASE	07/13'17	Johnny

ORDERING INFORMATION

MCCF - W1S1 (XX T)

① ② ③

① PRODUCT SERIES:

USB C TYPE connector -
Receptacle (Female) side.

② ITEM NO.:

Right Angle- Single Row 16pin
SINK 1.65/ Dip+SMD Type/ Waterproof IPX1

CUSTOMER DRAWING

RoHS Compliant

③ GOLD PLATING :

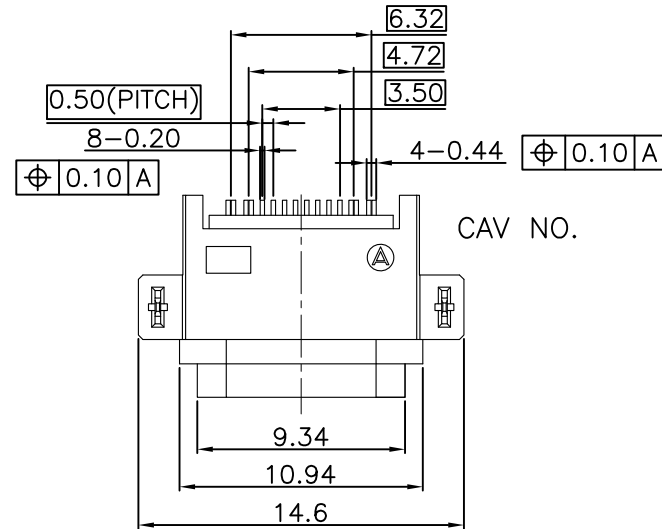
03: 3u".
15: 15u".
30: 30u".

NOTES:

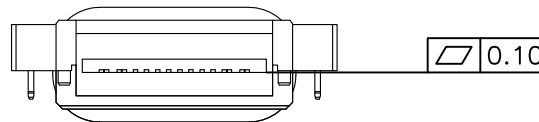
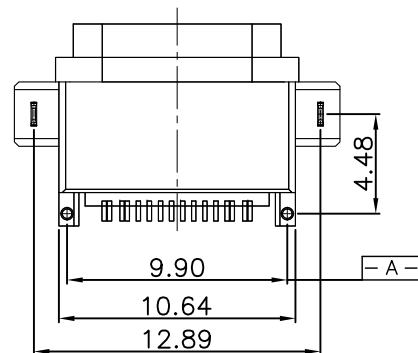
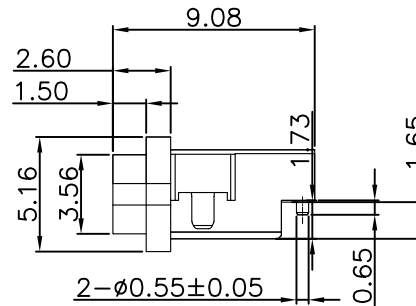
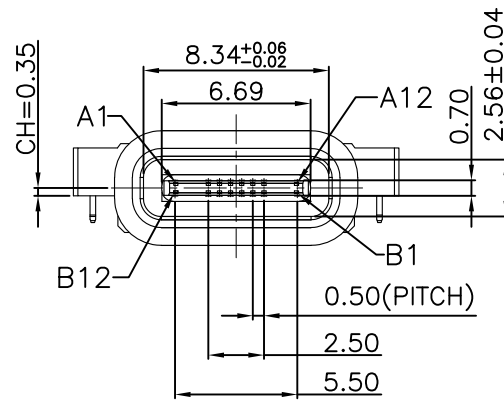
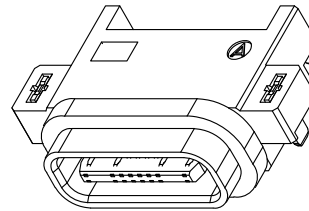
- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMP, UL94 V-0, BLACK COLOR.
 - CONTACTS: COPPER ALLOY.
 - MID PLATE: STAINLESS STEEL.
 - SHELL: STAINLESS STEEL.
 - WATERPROOF RING: SILICA GEL.
- PLATING SPECIFICATION:
 - CONTACTS: GOLD ON CONTACT AREA; TIN ON SOLDER TAILS; NICKEL UNDER PLATED OVER ALL.
 - SHELL: NICKEL UNDER PLATED OVER ALL.
 - MID PLATE: CLEAR ONLY.
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0Kgf.
 - REMOVAL FORCE: 0.8~2.0Kgf.
 - DURABILITY: 10,000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 5.0A
 - VOLTAGE RATING: 5.0V
- ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -40°C~+85°C.
- IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
- WATERPROOF PERFORMANCE: BASED ON IPX1.



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'

SUNFUN		SUNFUN TECHNOLOGY LTD			
DRAW NO.	MCCF-W1S1(A0)	DATE	MATERIAL: SEE NOTES		DRAW NAME:
DESIGN:	Johnny	07/13'17	FINISH: SEE NOTES		USB C Type CONN - FEMALE
CHECK:	Johnny	07/13'17	FILE: MCCF-W1S1(A0)		Right Angle/ Single Row 16pin/
REVIEW:	Frank	07/13'17	P/N: MCCF-W1S1(XXT)		Sink1.65/ Waterproof IPX1
APPROVED	Frank	07/13'17	REV. A0	SCALE	MODEL: USB C TYPE CONN
					UNIT: mm
					SHEET: 1/2
					② ③

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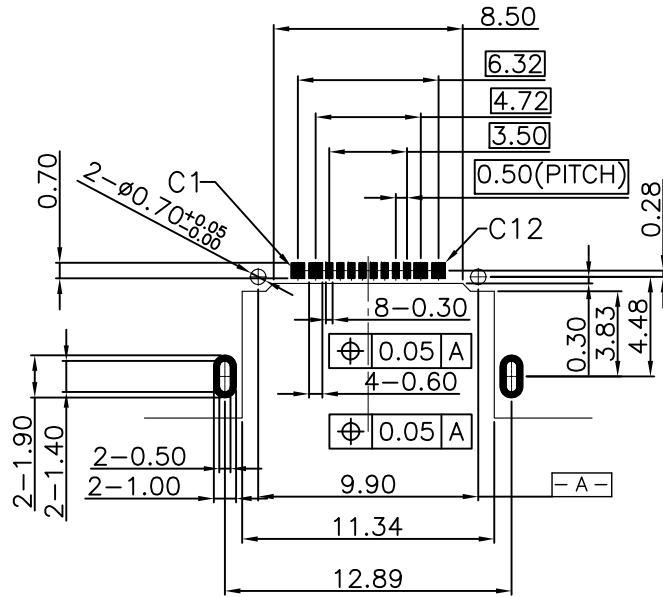
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MCCF - W1S1 (XX T)

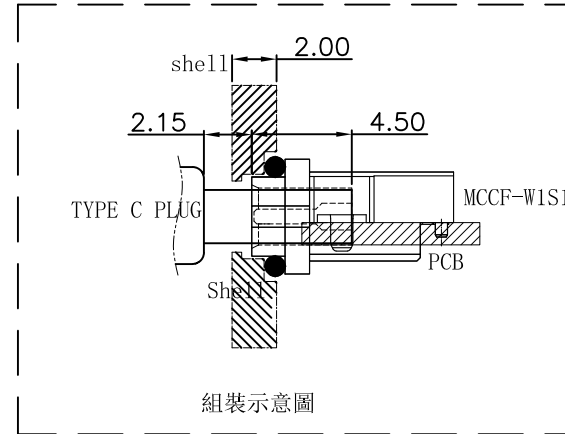
① ② ③

CUSTOMER DRAWING

RoHS Compliant

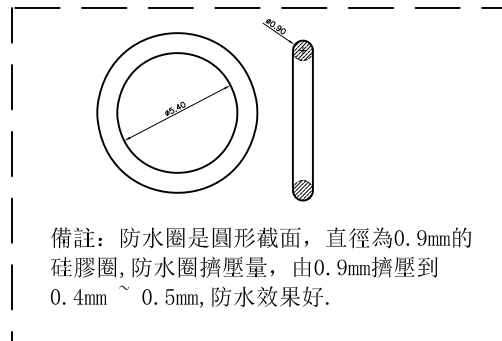


RECOMMENDED PCB LAYOUT(TOP VIEW)



PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SINGAL NAME	GND	VBUS	SBU2	CC1	DN2	DP1	DN1	DP2	SBU1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12



備註：防水圈是圓形截面，直徑為0.9mm的
硅膠圈，防水圈擠壓量，由0.9mm擠壓到
0.4mm ~ 0.5mm，防水效果好。

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.	MCCF-W1S1(A0)	DATE	07/13'17	MATERIAL:	SEE NOTES
DESIGN:	Johnny	07/13'17	FINISH:	SEE NOTES	
CHECK:	Johnny	07/13'17	FILE:	MCCF-W1S1(A0)	
REVIEW:	Frank	07/13'17	P/N:	MCCF-W1S1(XXT)	
APPROVED	Frank	07/13'17	REV.	A0	SCALE
				DRAW NAME:	USB C Type CONN - FEMALE Right Angle/ Single Row 16pin/ Sink1.65/ Waterproof IPX1
				MODEL:	USB C TYPE CONN
				UNIT:	mm
				SHEET:	2/2