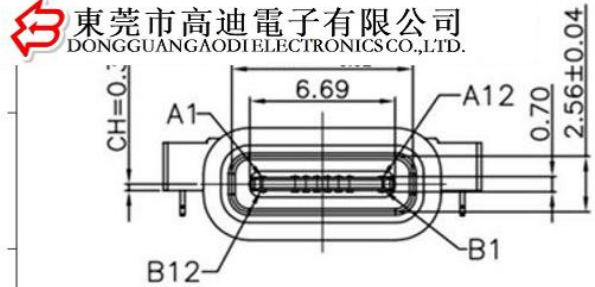


東莞市高迪電子有限公司
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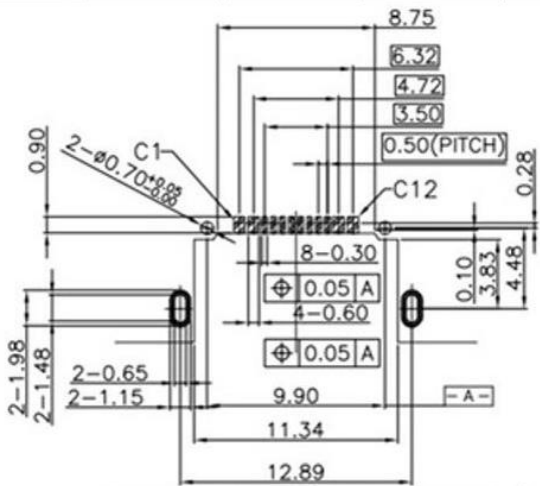
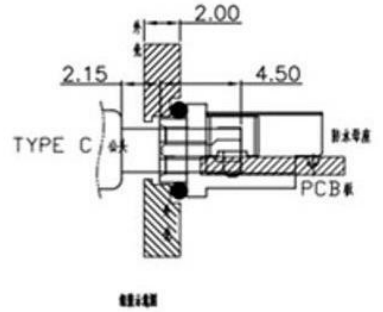
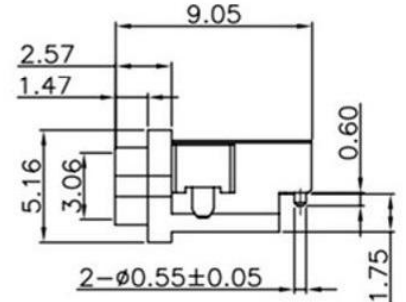
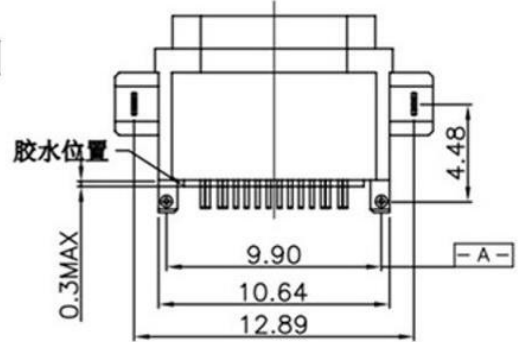


INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	DP1	DN1	SBU1	VBUS			GND
GND			VBUS	SBU2	DN2	DP2	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

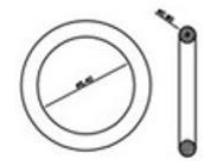
PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SIGNAL 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



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS T=1.0mm
DEFAULT TOLERANCE+/-0.05



0.9mm
0.9mm
0.4mm ~ 0.5mm

NOTES:
SPECIFICATION:

1. CURRENT RATING: 3.0A MAX
2. DIELECTRIC WITHSTAND VOLTAGE: 100VAC
3. TEMPERATURE RANGE: -30 °C ~ 85 °C
4. CONTACT RESISTANCE: 40 MILLIONHM MAX
5. INSULATION RESISTANCE: 100 MEGOHMS MIN.
6. INSERTION FORCE :8N~35N
7. UNMATING FORCE: 8N~35N
8. DURABILITY:1500 CYCLES

ITEM	PART NAME	Q'TY	FINISH	NOTE
3	Shell	1	SUS 301 1/4H	
3	PLASTIC Shell	1	PA9T&LCP (G.F30%)	
2	Contact	4	BRASS C2680-EH Au/Ni Plating T=0.25mm	
1	Housing	1	PA10T (G.F30%)	

X. ±0.50	X* ±2*	UNITS	東莞市高迪電子有限公司 DONGGUANGAODIELECTRONICS CO.,LTD.	
.X ±0.30	.X* ±1*	mm		
.XX ±0.10	.XX* ±0.5*	MAT'L	PART NO.	TITLE: IP68
.XXX ±0.05				
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			CHKD: MARK	USB connector
			DR: JANE CHOU 2019/07/11	SCALE SHEET REV. 1/1 1/2 A2