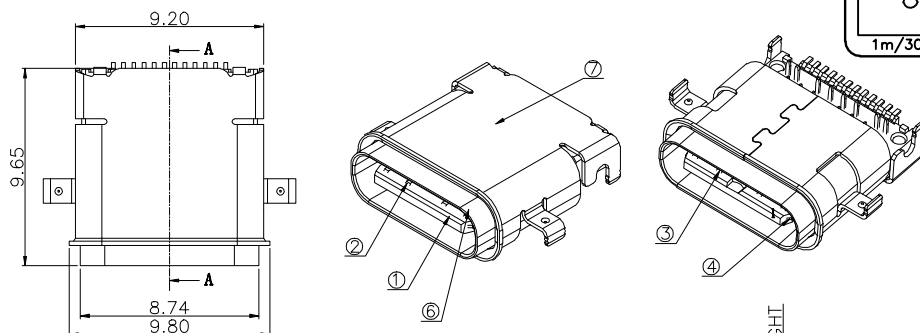
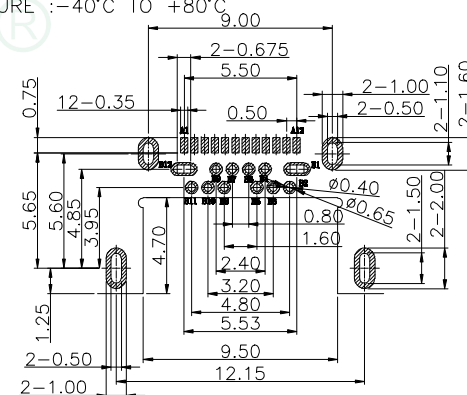
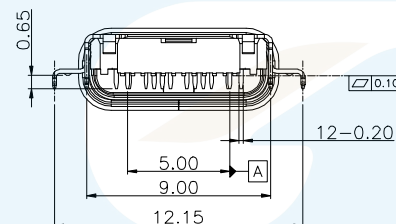
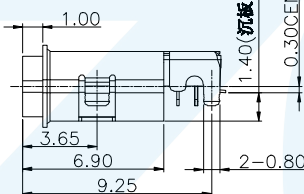
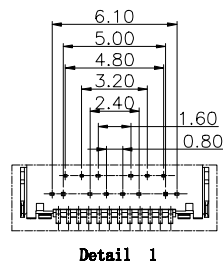




1. ELECTRICAL :
 - 1-1. CONTACT CURRENT RATING :
5A(VBUS PIN 1.5A/PIN),
5A(GND PIN 1.25A/PIN MAX),0.25A/PIN(OTHER PIN).
 - 1-2. INSULATION RESISTANCE :
100 MEGAOHMS MIN. AT 250VDC.
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE :
100VAC MIN.
 - 1-4. LOW LEVEL CONTACT RESISTANCE :
INITIAL 40mΩ MAX.
AFTER 50mΩ MAX.
2. MECHANICAL CHARACTERISTICS :
 - 2-1. MATING FORCE: 5~20N.■
 - 2-2. UNMATING FORCE: 8~20N(INITIAL),6~20N(AFTER 10000 CYCLES);
 - 2-3. DURABILITY : 10,000 MATING CYCLES.
 - 2-4. OPERATING TEMPERATURE : -40°C ~ +80°C



Technical drawing of the front view of a laser welding head assembly. The drawing shows a central body with a laser welding point at the top. Dimensions include a top flange width of 2-1.20, a central body width of 6.29, and a base width of 5.50. A detail callout "Detail 1" points to the base. A table at the bottom right specifies a tolerance of 0.10 A for a dimension of 12-0.20 ± 0.05.



Pin	Signal	Timing Sequence	Pin	Signal	Timing Sequence
A1	GND	First	B12	GND	First
A2	SBTLp1	Second	B11	SBTLp1	Second
A3	SBTLn1	Second	B10	SBTLn1	Second
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SDR	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SEN1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A10	SBTLn2	Second	B3	SBTLn2	Second
A11	SBTLp2	Second	B2	SBTLp2	Second
A12	GND	First	B1	GND	First

8	GLUE WATER	EPOXY	COLOR BLACK	1
7	SHELL 2	STAINLESS STEEL 0.20t	NICKEL PLATING OVERALL	1
6	SHELL 1	STAINLESS STEEL 0.20t	NICKEL PLATING OVERALL	1
5	GND PLATE	STAINLESS STEEL 0.10t	NICKEL PLATING OVERALL	1
4	MID PLATE	STAINLESS STEEL 0.15t	—————	1
3	CONTACT	COPPER ALLOY 0.12t	GOLD 15u" PLATING OVERALL	12
2	CONTACT	COPPER ALLOY 0.12t	GOLD 15u" PLATING OVERALL	12
1	HOUSING	HIGH TEMPERATURE PLASTIC	COLOR BLACK	1
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

LZG INDUSTRIAL CO. LTD

PART NAME	WATERPROFF TYPE C 24PIN	TOLERANCE UNLESS	0.0±0.3	0.°±2°	UNIT: mm	
PART NO.	ZB48049-24FBAP-A	OTHERWISE SPECIFIED:	0.00±0.2 0.000±0.1	0.0°±1° 0.00°±0.5°		

DRAWING:	林生财	DATE:	2020.02.18	SCALE	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	杨进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48049-24FBAP-A			SHEET	1/2

