



REV.	ECN NO	CONTENT	DATE	ENGINEER
A0				

NOTE:

1. MATERIAL:

- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; Black Color
- 1.2 CONTACT: C7025 (T=0.12mm)
- 1.3 SHELL: STAINLESS STEEL (T=0.30mm)
- 1.4 INNER GROUND COVER SHELL: STAINLESS STEEL (T=0.10mm)
- 1.5 MID PLATE: STAINLESS STEEL (T=0.15mm)

2. ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
- 2.2 CONTACT CURRENT RATING: 5A FOR COLLECTIVELY POWER SUPPLY PIN (PIN1, A4, A9, A12, B1, B4, B9, B12); 1.25A FOR VCONN PIN; 0.25A FOR OTHER SIGNAL PIN.

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

2.5 OPERATING TEMPERATURE: -40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 5~20 N.

3.2 UNMATED FORCE: 8~20N INITIAL TEST; 6~20N DURABILITY AFTER TEST

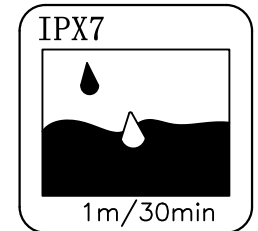
3.3 DURABILITY: 10,000 CYCLES

4. PLATING

4.1 TERMINAL CONTACT: Au 3u'' PLATING ON CONTACT AREA; TIN 50u'' Min TING ON SOLDER TAIL, NI 50u'' Min UNDERPLATING OVERALL

4.2 SHELL: 50u'' Min. NICKEL ALL OVER,

4.3 MID PLATE: CLEAN



5	CAP	LCP 6007AS UL94V-0	BLACK	1PCS	48H	Reel
4	SHELL	SUS304 T=0.40mm	Ni 50u'' Min Plated	1PCS		
3	LATCH	SUS301-H T=0.15mm	NO PLATED	1PCS		
2	CONTACT	C7025 T=0.12mm	Au 3u'' PLATING ON CONTACT AREA; TIN 50u'' Min TING ON SOLDER TAIL, NI 50u'' Min UNDERPLATING OVERALL	1SET		
1	HOUSING	LCP UL94V-0	LCP BLACK UL94V-0	1PCS		
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY	盐雾	PACKAGING

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PDWG.NO: 0541-1

深圳市步步精科技有限公司

.X: ±0.38
.XX: ±0.25
.XXX: ±0.13

NAME: TYPE-C 16P 防水母座 直立式 H=10.0
四脚插 带柱 端子SMT 带盖 盐雾48H 防水IPx7

APPD. JM_Zheng

CHKD. LYX

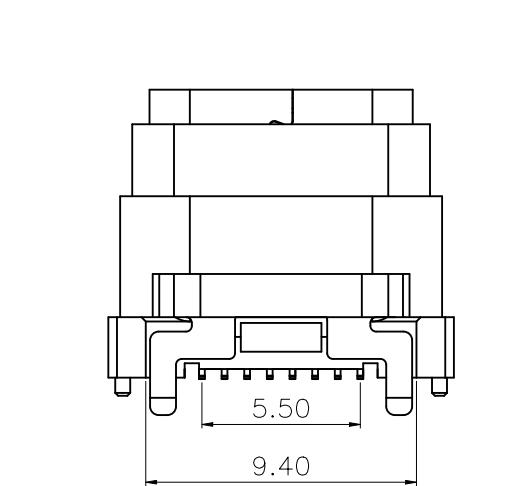
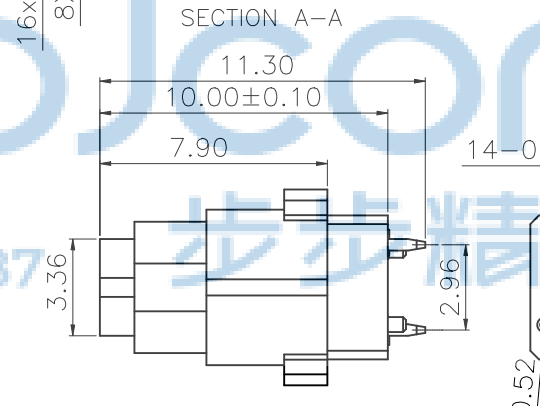
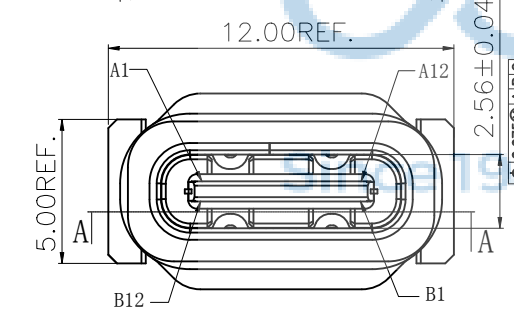
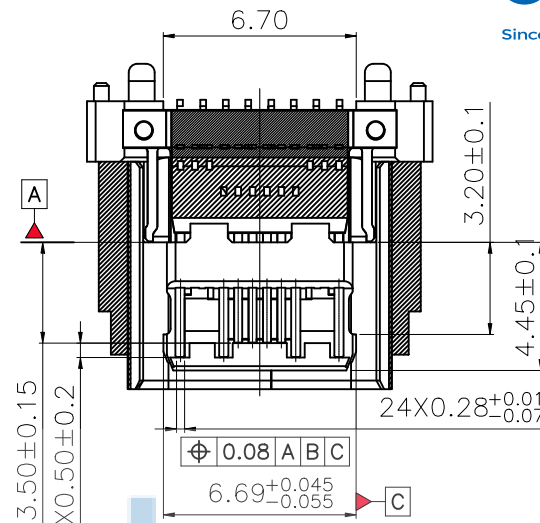
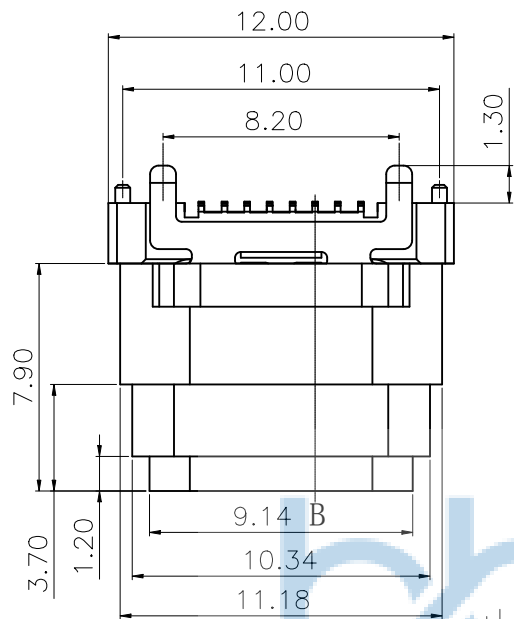
DR. LHC

PJ. NO.: 126-224-160002-X7G

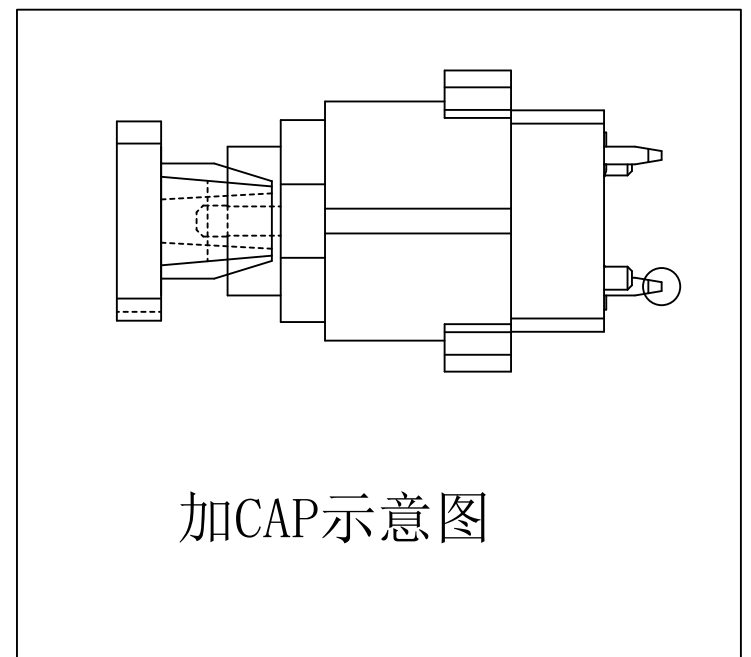
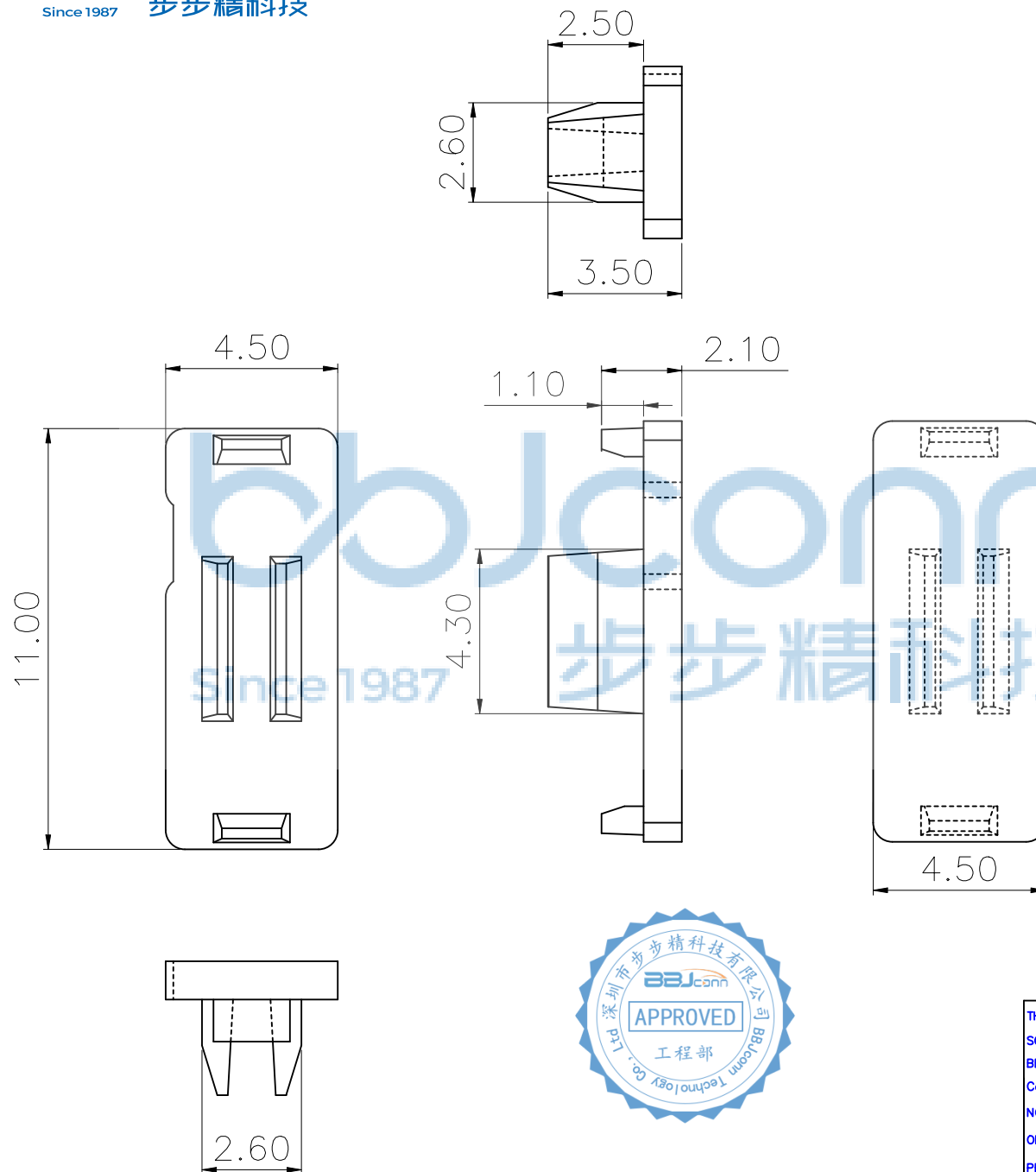
SIZE: A4 DRW NO.:

FINISH: SEE NOTES MAT'L.: SEE NOTES

SCALE: N/A REV.: A0 UNIT: mm PAGE: 1/4



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.X: ± 0.38 .XX: ± 0.25 .XXX: ± 0.13		X*: $\pm 3^*$.X*: $\pm 2^*$.XX*: $\pm 1^*$		NAME: TYPE-C 16P 防水母座 直立式 H=10.0 四脚插 带柱 端子SMT 带盖 盐雾48H 防水IPx7			
APPD.	JM_Zheng		PJ. NO.: 126-224-160002-X7G		SIZE: A4 DRW NO.:		
CHKD.	LYX		FINISH: SEE NOTES		MAT'L.: SEE NOTES		
PDWG.NO: 0541-1	DR.	LHC		SCALE: N/A	REV.: A0	UNIT: mm	PAGE: 2/4

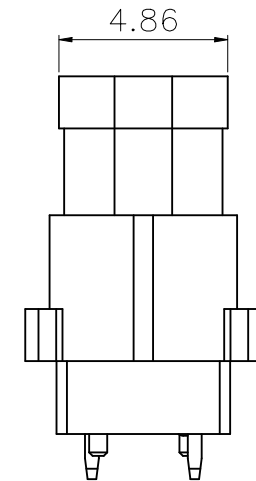
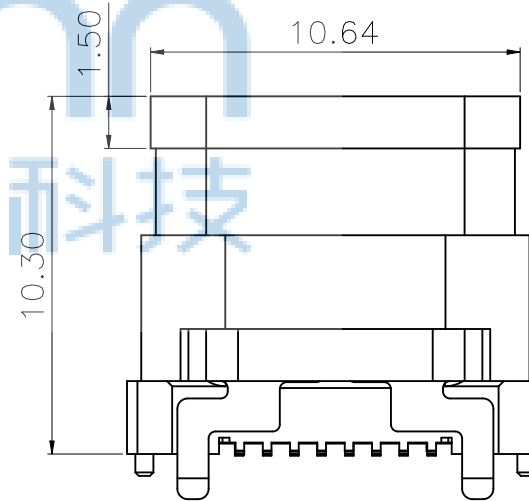
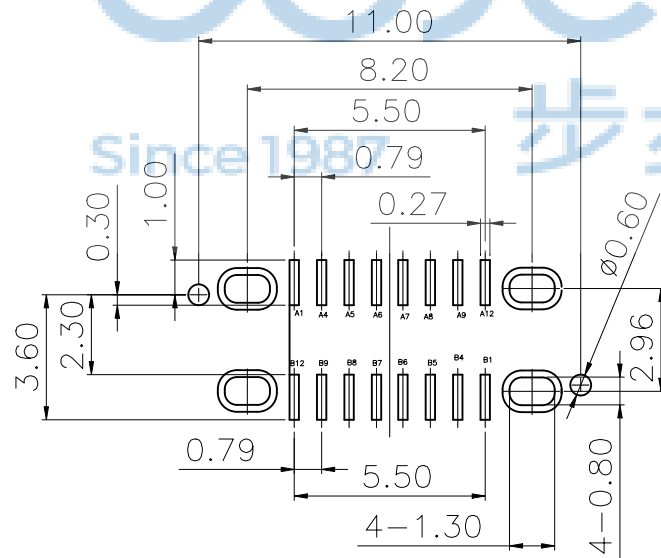


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USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A12	GND	Ground return	B1	GND	Ground return

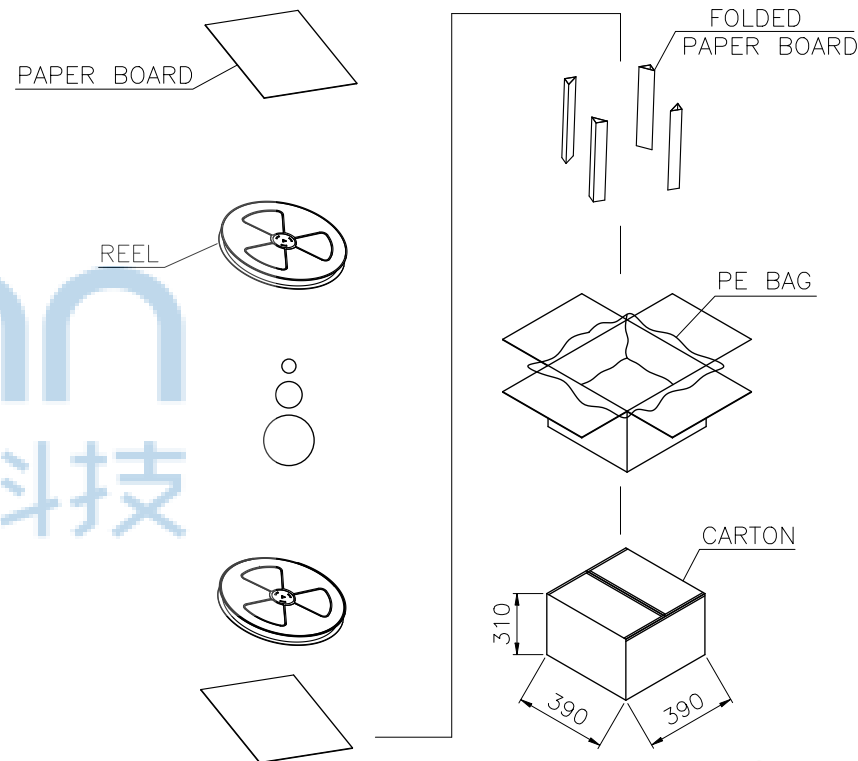
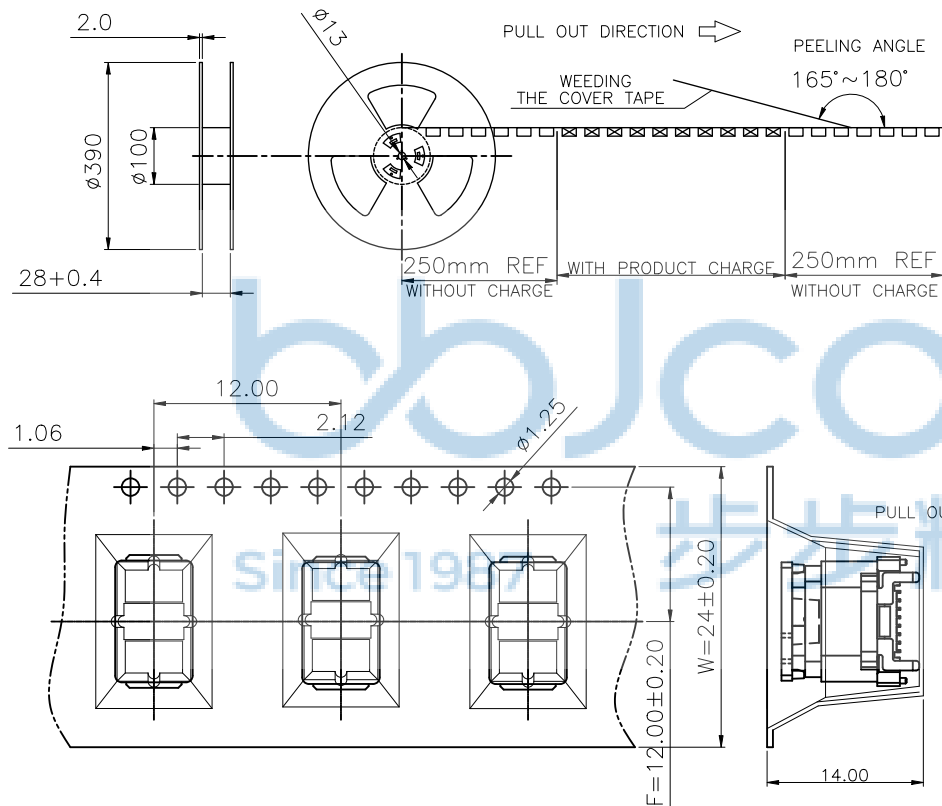
加防水圈示意图



RECOMMENDED P.C.B. LAYOUT (T:1.00mm)
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$



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PDWG.NO: 0541-1		NAME: TYPE-C 16P 防水母座 直立式 H=10.0 四脚插 带柱 端子SMT 带盖 盐雾48H 防水IPx7	
DR. LHC		PJ. NO.: 126-224-160002-X7G	
CHKD. LYX		SIZE: A4 DRW NO.:	
APPD. JM_Zheng		FINISH: SEE NOTES MAT'L.: SEE NOTES	
		SCALE: N/A REV.: A0 UNIT: mm PAGE: 3/4	



注意:

1. 材料:

纸箱:纤维板, 瓦楞, 双层壁。

胶带:聚苯乙烯, 耐热温度:120℃, 白。

卷筒:聚苯乙烯, 耐热温度:70℃, 蓝色。

包装:聚乙烯, 耐热温度:100℃。

2. 剥离强度:0.1 ~ 1.3 N(10 ~ 130克)

3. 脱皮速度:300mm /min。

4. 每个袋子都应包括干燥剂*2。

5. 外箱上贴号物料标签及RHOS标签

6. 同一产品只能装同一纸箱, 不允其它产品;

7. 包装后, 产品铆合面朝外; 柱子朝内;



450	10	4500 PCS
PCS/卷	卷/箱	箱



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CHKD.		LYX	PJ. NO.: 126-224-160002-X7G
DR.		LHC	SIZE: A4 DRW NO.:
PDWG.NO: 0541-1			FINISH: SEE NOTES MAT'L.: SEE NOTES
			SCALE: N/A REV.: A0 UNIT: mm PAGE: 4/4