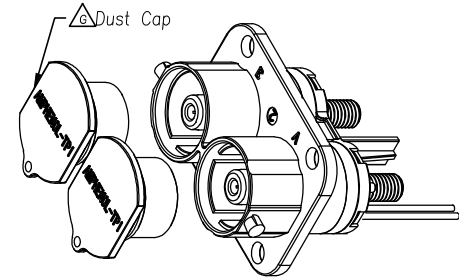
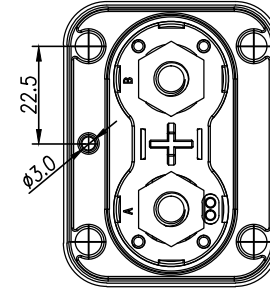
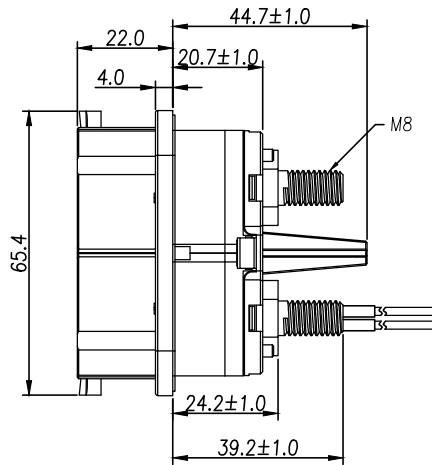
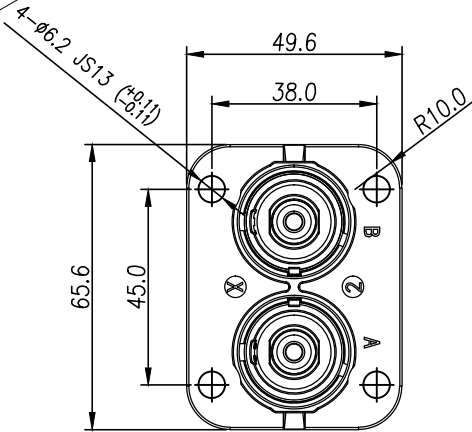


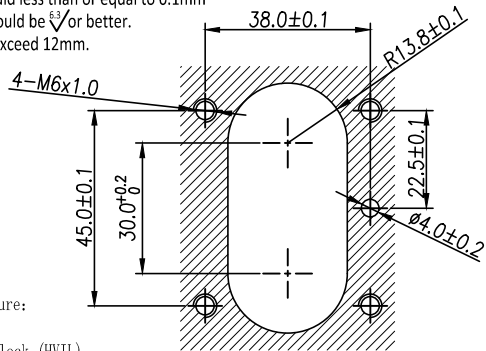
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Customer Drawing



Notices:

1. All non-dimensioned surfaces according to 3D-model &
2. Planeness of panel surface should less than or equal to 0.1mm
3. Roughness of panel surface should be $\sqrt{3}$ or better.
4. Thickness of panel should not exceed 12mm.



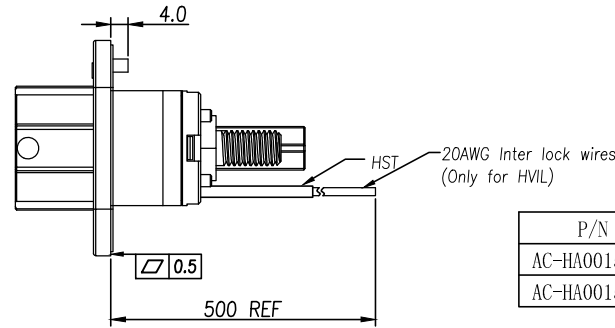
面板安装孔尺寸
Panel Size

规格参数 (Spec.):

1. 工作温度 Operating temperature:
-40° C ~ +125° C.
2. 带高压互锁 Electrical interlock (HVIL).
3. 额定电流 Current rating:
Power: 300A; HVIL: 5A.
4. 额定电压 Operating voltage:
Power: 1000 VDC; Signal: 60 VDC.
5. 耐电压 Dielectric withstanding voltage:
 - A. 与插头对插后, Pin与铁壳之间
After mating, between pin and metal shell :5000 VDC.
 - B. 与插头对插后, Pin与HVIL之间
After mating, between pin and HVIL :5000 VDC.
 - C. 与插头对插后, HVIL与铁壳之间
After mating, between HVIL and metal shell :500 VDC.
 - D. 与插头对插前, 两个HVIL端子之间耐压
Before mating, between two HVIL terminals :500 VDC.
6. 防护等级 Protection class: IP67 & IP2X.
7. 电磁屏蔽 Shielding.
8. 机械寿命 Mating cycle: 50 Min.
9. 带自动二次锁扣 Automatic secondary lock.
10. 铜排推荐安装扭矩 Recommended Fasten Torque on Lug:
M6 : 3.6~4.4 Nm
M8 : 7.2~8.8 Nm
M10: 17.1~20.9 Nm
11. 推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange : 6.2~7.6 Nm

订购信息 Ordering Information

PL082 X		- 30	1	- 20	M	8
键位及颜色 Key		高压互锁 HVIL		螺栓大小 Thread Size		
"X" Key		0, 不带互锁 No HVIL		M8		
"Y" Key		1, 带互锁 With HVIL				



Standard Part List (With HVIL)

P/N	Model NO.	Mating Plug Model NO.
AC-HA001507	PL082X-301-20M8	PL182X-301-XX, PL282X-301-XX
AC-HA001508	PL082Y-301-20M8	PL182Y-301-XX, PL282Y-301-XX

Standard Part List (Without HVIL)

P/N	Model NO.	Mating Plug Model NO.
AC-HA000947	PL082X-300-20M8	PL182X-300-XX, PL282X-300-XX
AC-HA000948	PL082Y-300-20M8	PL182Y-300-XX, PL282Y-300-XX



Amphenol Technical Products International GZ

第三角投影 THIRD ANGLE PROJECTION		页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME: PwrLok 10mm 2POS Rcpt Conn	
		1 of 1	A3	I			
签名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED		DWG NO: PL082-300-20	
制图 DRAWN		Sam		1) All dimensions are in metric (mm). 2) Tolerances are as follows:		CUST PART #:	
审核 CHECKED		Julie		0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20		N/A	
批准 APPROVAL		Hkey		Angles ±1°		CUST REV. -	
		05/09/17					
		05/09/17					
		05/09/17					