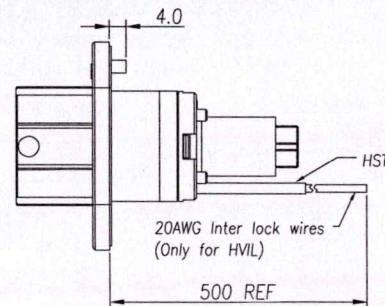
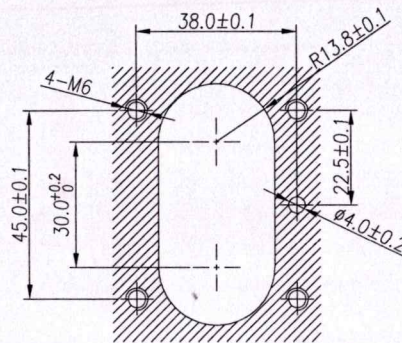
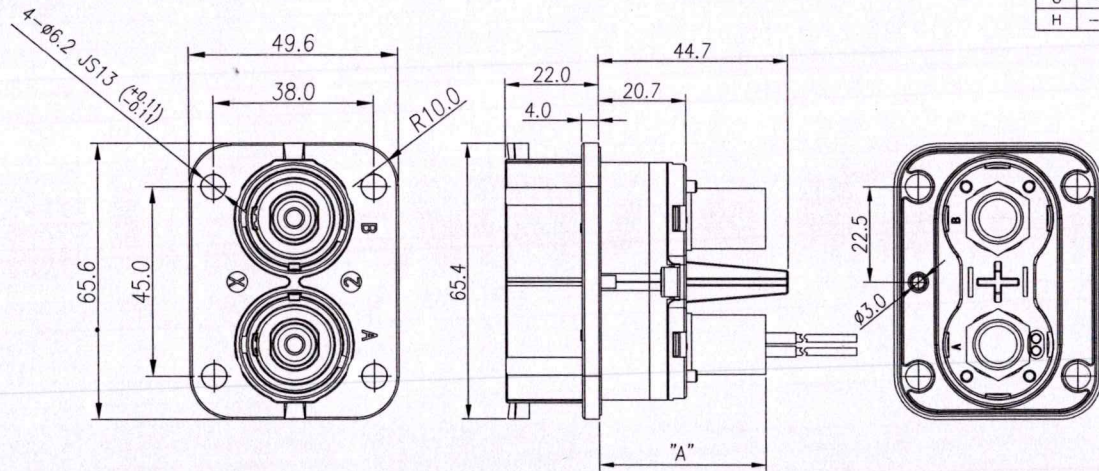


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Customer Drawing



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:
35mm²:150A; 50mm²:200A; 70mm²:250A; HVIL: 5A. Δ
4. 额定电压 Operating voltage:
Power: 1000 VDC; Signal: 60 VDC.
5. 耐电压 Dielectric withstanding voltage:
A. 与插头对接后, Pin与铁壳之间
After mating, between pin and metal shell :5000 VDC.
B. 与插头对接后, Pin与HVIL之间
After mating, between pin and HVIL :5000 VDC.
C. 与插头对接后, HVIL与铁壳之间
After mating, between HVIL and metal shell :500 VDC.
D. 与插头对接前, 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: 100 Min. Δ
9. 带自动二次锁扣 Automatic secondary lock.
10. 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

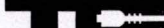
PL082 X -30 1 - 30 D 70

键位	高压互锁 HVIL	线缆尺寸 Cable Size
"X"键位, 橙色防触盖	0, 不带互锁 No HVIL	"70"=70mm ²
"Y"键位, 黑色防触盖	1, 带互锁 With HVIL	"50"=50mm ²
		"35"=35mm ²

Amphenol TPI
2019-12-09
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AMPHENOL
TPI

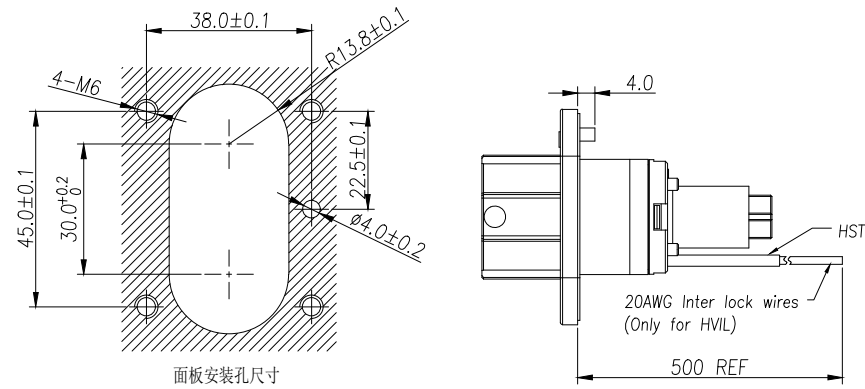
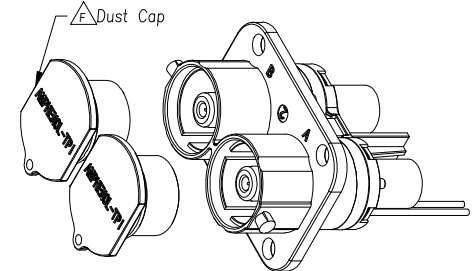
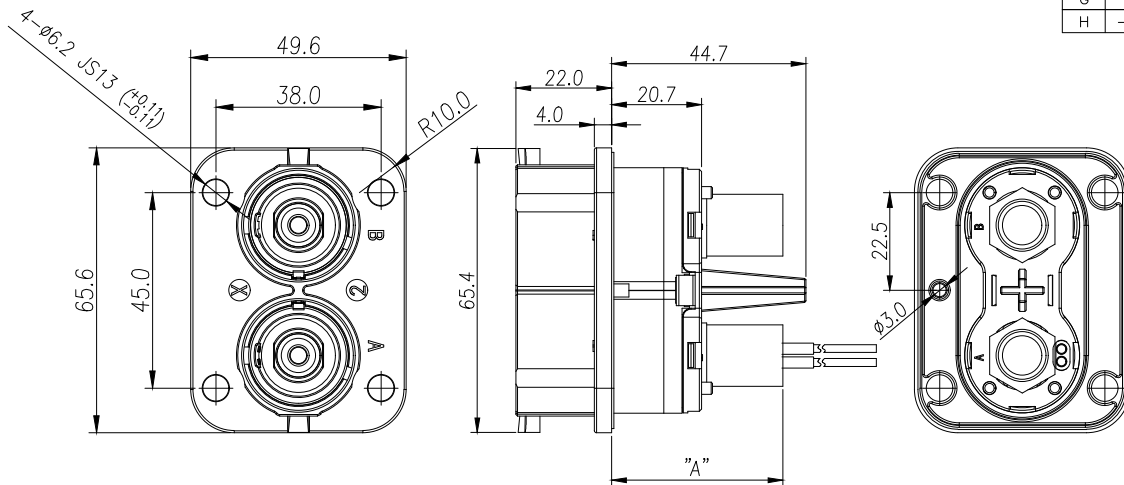
Amphenol Technical Products International Asia.

		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	H			
签名 SIGNATURE		日期 DATE	UNLESS OTHERWISE SPECIFIED				DWG NO: PL082-300-30	
制图 DRAWN	Fred	12/02/19	1) All dimensions are in metric (mm).					
审核 CHECKED		2019.12.2	2) Tolerances are as follows:					
批准 APPROVAL		2019.12.2	0 PL DEC ±1.00					
			1 PL DEC ±0.50					
			2 PL DEC ±0.20					
			Angles ±1°				N/A	
							CUST PART #:	CUST REV. -

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Customer Drawing

6			7		8	
			REVISIONS			
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	INITIAL RELEASE	07/16/14	RW	EC
E	--	--	Add Protection Class: IP2X	05/05/15	RW	EC
F	--	--	Add Dust Cap & Change HVIL Wire	03/30/16	RW	GX
G	--	--	Change Shell and Gasket	05/10/17	Sam	Julie
H	--	--	Update Spec.	12/02/19	Fred	JL



Standard Part List (With HVIL)

P/N	Model NO.	Dimension "A"
AC-HA001560	PL082X-301-30D35	36.4
AC-HA001561	PL082Y-301-30D35	36.4
AC-HA001562	PL082X-301-30D50	39.4
AC-HA001563	PL082Y-301-30D50	39.4
AC-HA001564	PL082X-301-30D70	39.4
AC-HA001565	PL082Y-301-30D70	39.4

Standard Part List (Without HVIL)

P/N	Model NO.	Dimension "A"
AC-HA001566	PL082X-300-30D35	36.4
AC-HA001567	PL082Y-300-30D35	36.4
AC-HA001568	PL082X-300-30D50	39.4
AC-HA001569	PL082Y-300-30D50	39.4
AC-HA001570	PL082X-300-30D70	39.4
AC-HA001571	PL082Y-300-30D70	39.4

- 规格参数 (Spec.):
- 工作温度 Operating temperature: -40° C~+125° C.
 - 带高压互锁 Electrical interlock (HVIL).
 - 额定电流 Current rating: 35mm²:150A; 50mm²:200A; 70mm²:250A; HVIL: 5A.
 - 额定电压 Operating voltage: Power: 1000 VDC; Signal: 60 VDC.
 - 耐电压 Dielectric withstanding voltage:
 - 与插头对插后, Pin与铁壳之间 After matting, between pin and metal shell :5000 VDC.
 - 与插头对插后, Pin与HVIL之间 After matting, between pin and HVIL :5000 VDC.
 - 与插头对插后, HVIL与铁壳之间 After matting, between HVIL and metal shell :500 VDC.
 - 与插头对插前, 两个HVIL端子之间耐压 Before matting, between two HVIL terminals :500 VDC.
 - 防护等级 Protection class: IP67 & IP2X.
 - 电磁屏蔽 Shielding.
 - 机械寿命 Mating cycle: 100 Min.
 - 带自动二次锁扣 Automatic secondary lock.
 - 推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange : 6.2~7.6 Nm

面板安装孔尺寸 Panel Size

订购信息 Ordering Information

PL082	X	-30	1	-	30	D	70
键位		高压互锁 HVIL		线缆尺寸 Cable Size			
"X"键位, 橙色防触盖		0, 不带互锁 No HVIL		"70"=70mm²			
"Y"键位, 黑色防触盖		1, 带互锁 With HVIL		"50"=50mm²			
				"35"=35mm²			

AMPHENOL

TP

第三角投影
THIRD ANGLE
PROJECTION

签名 SIGNATURE

日期 DATE

制图 DRAWN

审核 CHECKED

批准 APPROVAL

Fred

YM Zeng

James Li

12/02/19

12/02/19

12/02/19

Amphenol Technical Products International Asia.

页面 SHEET

幅面 SIZE

版次 REV.

比例 SCALE

1 OF 1

A3

H

UNLESS OTHERWISE SPECIFIED

1) All dimensions are in metric(mm).

2) Tolerances are as follows:

0 PL DEC ±1.00

1 PL DEC ±0.50

2 PL DEC ±0.20

Angles ±1°

PART NAME:

PwrLok 10mm 2POS Rcpt Conn

DWG NO:

PL082-300-30

CUST PART #:

N/A

CUST REV.

-