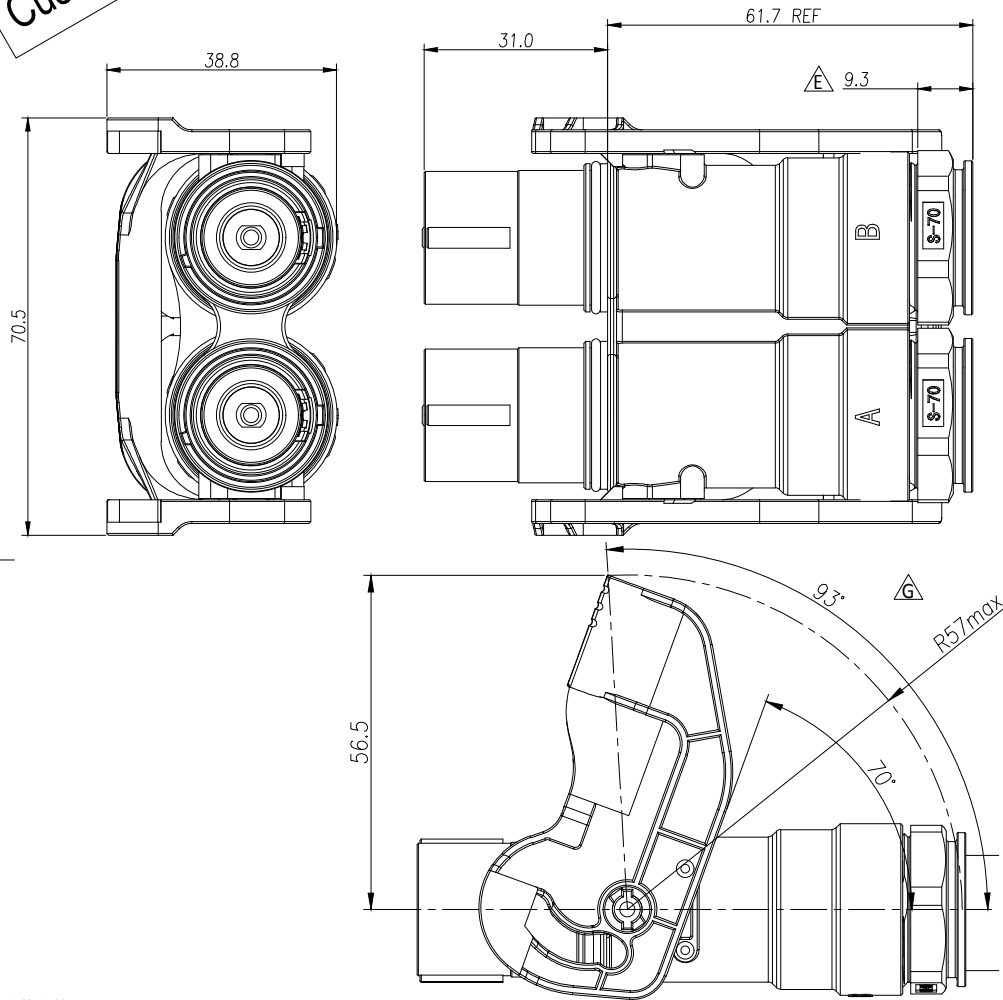


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Customer Drawing

A
B
C
D
E
F



规格参数 (Spec.):

1. 工作温度 Operating temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$.
2. 额定电流 Current rating (Connector Only): $\triangle$ 35mm²:150A; 50mm²:200A; 70mm²:250A;
3. 额定电压 Operating voltage:1000 VDC.
4. 耐电压 Dielectric withstanding voltage: 5000 VDC.
5. 防护等级 Protection class:IP67 & IP2X.
6. 电磁屏蔽 Shielding.
7. 机械寿命 Mating cycle:100 Min. $\triangle$
8. 带自动二次锁扣 Automatic secondary lock.
9. 带高压互锁 Electrical interlock (HVIL).
10. 对接插座见图纸 Mating receptacle see drawing: PL082-300.

订购信息 Ordering Information

PL18 2 X - 30 1 - 70

键位及颜色 Key
"X" Key
"Y" Key

高压互锁 HVIL
0, 不带互锁 No HVIL
1, 带互锁 With HVIL

线缆大小 Cable Size
"70"=70mm²
"50"=50mm²
"35"=35mm²

AMPHENOL
TP

签名 SIGNATURE
制图 DRAWN Fred
审核 CHECKED
批准 APPROVAL

Amphenol Technical Products International Asia.

第三角投影
THIRD ANGLE
PROJECTION
1 OF 1
A3
G
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 $\pm 1^{\circ}$

PART NAME:
PwrLok 10mm 2POS Plug Conn
DWG NO:
PL182()-300
CUST PART #:
N/A
CUST REV.
-

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	Updated	07/04/14	RW	EC
C	--	--	Rear nut increase 1mm, reduced inner diameter	09/08/15	RW	EC
D	--	--	Add dust cap	01/15/16	RW	GX
E	--	--	更改尾盖	10/17/16	SW	RW
F	--	--	增加线束固定点说明	06/27/17	Sam	Julie
G	--	--	增加摇杆开合尺寸	08/30/18	Fred	JL

Standard Part List (With HVIL)

P/N	Model NO.	Polarization
AC-HA000775	PL182X-301-35	X
AC-HA000776	PL182Y-301-35	Y
AC-HA000777	PL182X-301-50	X
AC-HA000778	PL182Y-301-50	Y
AC-HA000779	PL182X-301-70	X
AC-HA000780	PL182Y-301-70	Y

Standard Part List (Without HVIL)

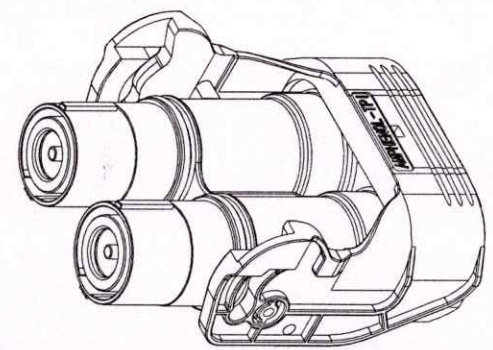
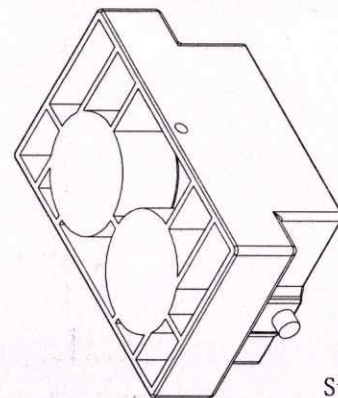
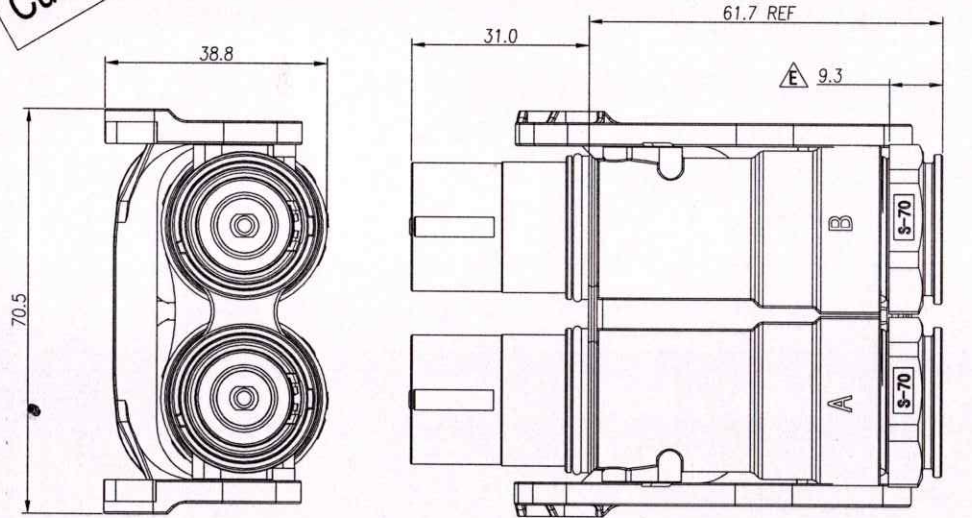
P/N	Model NO.	Polarization
AC-HA000787	PL182X-300-35	X
AC-HA000788	PL182Y-300-35	Y
AC-HA000789	PL182X-300-50	X
AC-HA000790	PL182Y-300-50	Y
AC-HA000791	PL182X-300-70	X
AC-HA000792	PL182Y-300-70	Y

1 2 3 4 5 6 7 8

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Customer Drawing

REVISONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	---	---	Updated	07/04/14	RW	EC
C	---	---	Rear nut increase 1mm, reduced inner diameter	09/08/15	RW	EC
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F	---	---	增加线束固定点说明	06/27/17	Sam	Julie
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Standard Part List (With HVIL)

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AC-HA000776	PL182Y-301-35	Y
AC-HA000777	PL182X-301-50	X
AC-HA000778	PL182Y-301-50	Y
AC-HA000779	PL182X-301-70	X
AC-HA000780	PL182Y-301-70	Y

Standard Part List (Without HVIL)

P/N	Model NO.	Polarization
AC-HA000787	PL182X-300-35	X
AC-HA000788	PL182Y-300-35	Y
AC-HA000789	PL182X-300-50	X
AC-HA000790	PL182Y-300-50	Y
AC-HA000791	PL182X-300-70	X
AC-HA000792	PL182Y-300-70	Y

Amphenol TPI
2018-08-30
REGISTERED COPY

- 规格参数 (Spec.):
1. 工作温度 Operating temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$.
 2. 额定电流 Current rating (Connector Only): Δ
 $35\text{mm}^2: 150\text{A}; 50\text{mm}^2: 200\text{A}; 70\text{mm}^2: 250\text{A};$
 3. 额定电压 Operating voltage: 1000 VDC.
 4. 耐电压 Dielectric withstanding voltage: 5000 VDC.
 5. 防护等级 Protection class: IP67 & IP2X.
 6. 电磁屏蔽 Shielding.
 7. 机械寿命 Mating cycle: 100 Min. Δ
 8. 带自动二次锁扣 Automatic secondary lock.
 9. 带高压互锁 Electrical interlock (HVIL).
 10. 对配插座见图纸 Mating receptacle see drawing: PL082-300.

订购信息 Ordering Information

PL18 2 X - 30 1 - 70

键位及颜色 Key
"X" Key
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高压互锁 HVIL
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线缆大小 Cable Size
"70" = 70mm²
"50" = 50mm²
"35" = 35mm²



Amphenol Technical Products International Asia.

签名 SIGNATURE	日期 DATE	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 $\pm 1^{\circ}$	PART NAME: PwrLok 10mm 2POS Plug Conn
制图 DRAWN	Fred	08/30/18	DWG NO: PL182(-)-300
审核 CHECKED	Steven	8-30	CUST PART #: N/A
批准 APPROVAL	Amphenol	2018-8-30	CUST REV: -