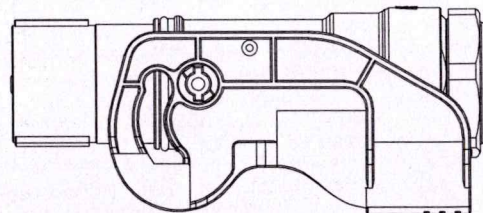
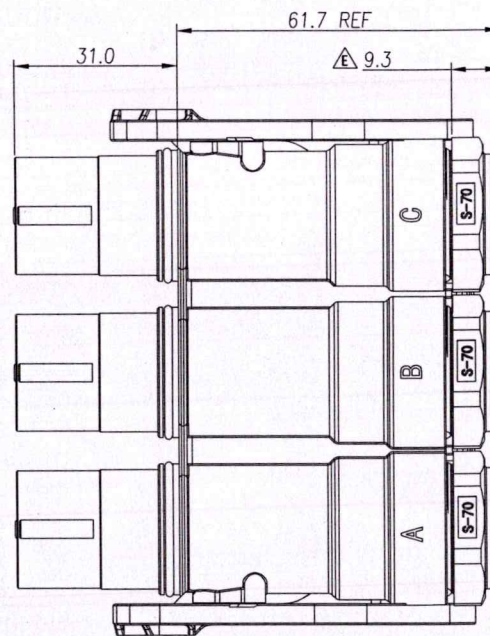
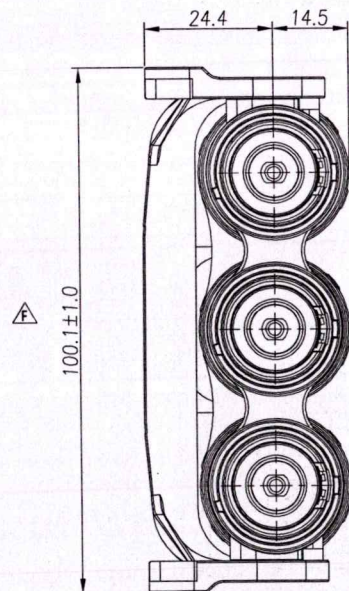


Customer Drawing



订购信息 Ordering Information

PL18 3 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

规格参数 (Spec.):

1. 工作温度 Operating temperature: -40° C~+125° C.
2. 额定电流 Current rating (Connector Only):
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.
8. 带自动二次锁扣 Automatic secondary lock.
9. 带高压互锁 Electrical interlock (HVIL).

Amphenol TPI

2019-12-09

REGISTERED COPY

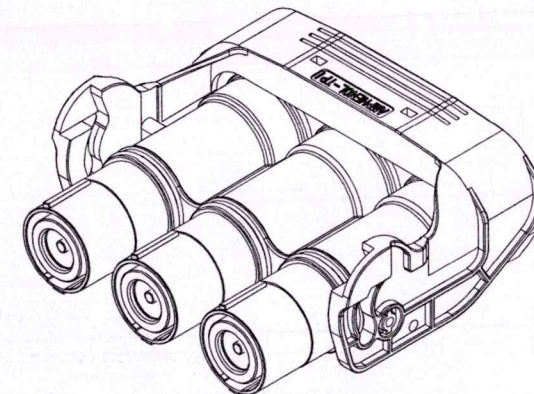
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第三角投影 THIRD ANGLE PROJECTION	页 面 SHEET	幅 面 SIZE	版 次 REV.	比 例 SCALE	PART NAME:
	1 OF 1	A3	F		PwrLok 10mm 3POS Plug Conn
签 名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED			
制 图 DRAWN	Steven	10/25/19	1) All dimensions are in metric (mm).		
审 核 CHECKED	Jiang	2019.12.02	2) Tolerances are as follows:		
批 准 APPROVAL	Jiang	2019.12.2	0 PL DEC ±1.00		
			1 PL DEC ±0.50		
			2 PL DEC ±0.20		
			Angles ±1°		
					DWG NO: PL183-300
					CUST PART #: N/A
					CUST REV: -

REVISIONS

REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	INITIAL RELEASE	03/13/14	RW	EC
D	--	--	Rear pin increase 1mm, reduced inner diameter	09/08/15	RW	EC
E	--	--	更改尾盖	10/17/16	SW	RW
F	--	--	更改尺寸公差及注解	10/25/19	Steven	JL



Standard Part List (With HVIL)

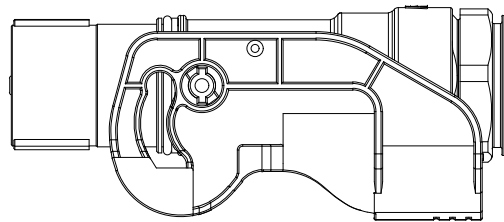
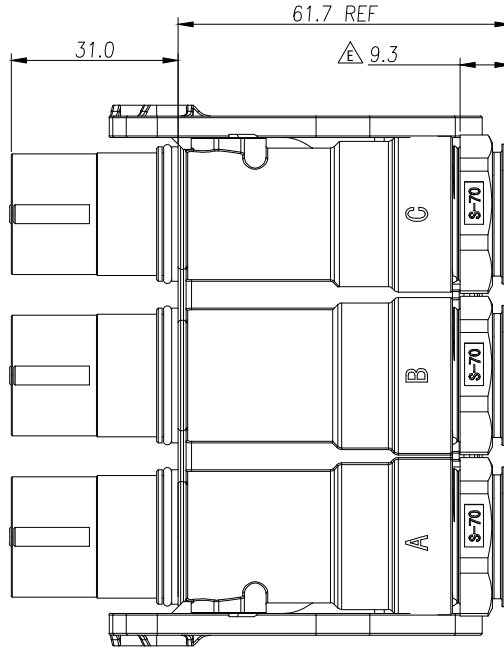
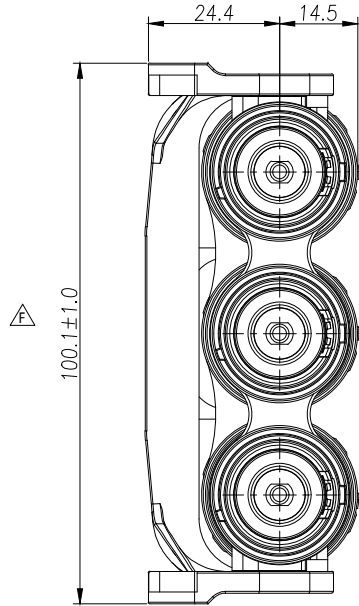
P/N	Model NO.	Polarization
AC-HA001108	PL183X-301-35	X
AC-HA001109	PL183Y-301-35	Y
AC-HA001110	PL183X-301-50	X
AC-HA001111	PL183Y-301-50	Y
AC-HA001112	PL183X-301-70	X
AC-HA001113	PL183Y-301-70	Y

Standard Part List (With Out HVIL)

P/N	Model NO.	Polarization
AC-HA001114	PL183X-300-35	X
AC-HA001115	PL183Y-300-35	Y
AC-HA001116	PL183X-300-50	X
AC-HA001117	PL183Y-300-50	Y
AC-HA001118	PL183X-300-70	X
AC-HA001119	PL183Y-300-70	Y

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Customer Drawing



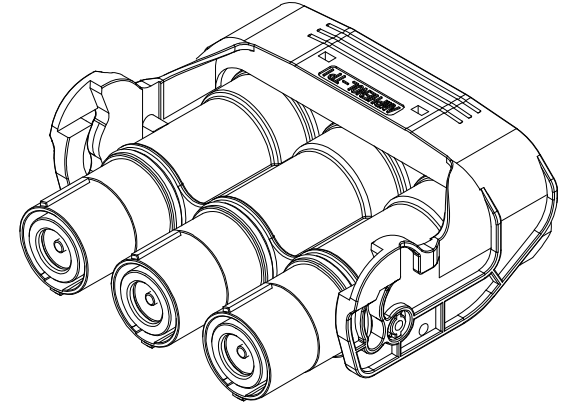
订购信息 Ordering Information

PL18	3	X	-	30	1	-	70
键位及颜色 Key		高压互锁 HVIL		线缆大小 Cable Size			
"X" Key		0, 不带互锁 No HVIL		"70"=70mm ²			
"Y" Key		1, 带互锁 With HVIL		"50"=50mm ²			
				"35"=35mm ²			

规格参数(Spec.):

- 工作温度 Operating temperature: -40° C~+125° C.
- 额定电流 Current rating(Connector Only):
35mm²:150A; 50mm²:200A; 70mm²:250A;
- 额定电压 Operating voltage:1000 VDC.
- 耐电压 Dielectric withstanding voltage: 5000 VDC. Δ
- 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.
- 带高压互锁 Electrical interlock (HVIL).

6			7		8	
REV			ZONE		ECO	
DESCRIPTION			DATE		BY	
INITIAL RELEASE			03/13/14		RW	
Rear nut increase 1mm, reduced inner diameter			09/08/15		RW	
更改尾盖			10/17/16		SW	
更改尺寸公差及注解			10/25/19		Steven	



Standard Part List (With HVIL)

P/N	Model NO.	Polarization
AC-HA001108	PL183X-301-35	X
AC-HA001109	PL183Y-301-35	Y
AC-HA001110	PL183X-301-50	X
AC-HA001111	PL183Y-301-50	Y
AC-HA001112	PL183X-301-70	X
AC-HA001113	PL183Y-301-70	Y

Standard Part List (With Out HVIL)

P/N	Model NO.	Polarization
AC-HA001114	PL183X-300-35	X
AC-HA001115	PL183Y-300-35	Y
AC-HA001116	PL183X-300-50	X
AC-HA001117	PL183Y-300-50	Y
AC-HA001118	PL183X-300-70	X
AC-HA001119	PL183Y-300-70	Y

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		第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME: PwrLok 10mm 3POS Plug Conn			
			1 OF 1	A3	F		DWG NO: PL183-300			
		签名 SIGNATURE							UNLESS OTHERWISE SPECIFIED	
		制图 DRAWN Steven							1) All dimensions are in metric(mm). 2) Tolerances are as follows:	
审核 CHECKED				0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20	Angles ±1°		CUST PART #: N/A		CUST REV. -	
批准 APPROVAL										