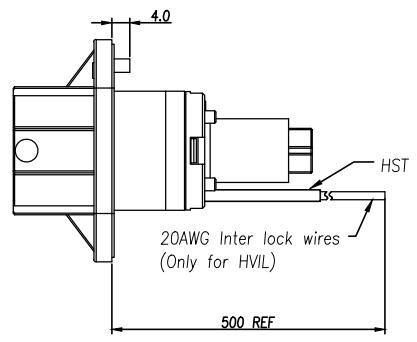
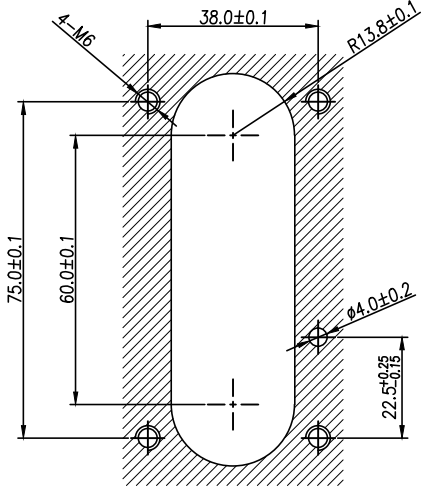
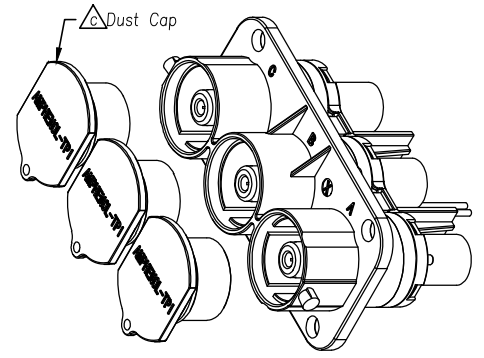
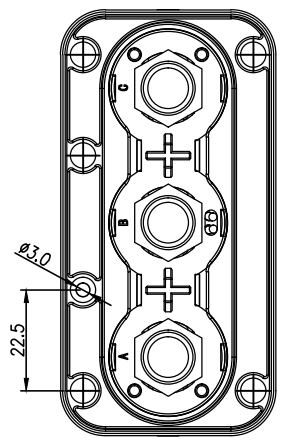
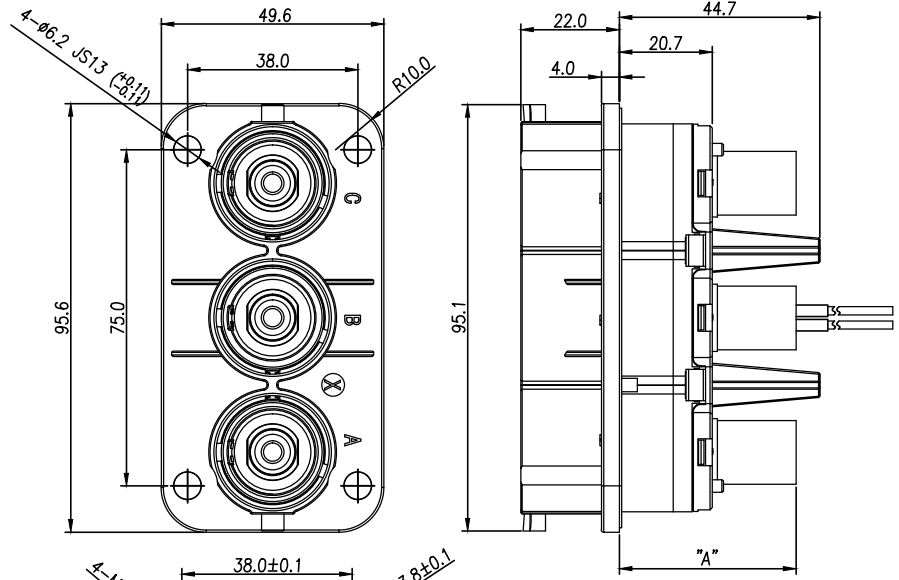


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Customer Drawing

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	INITIAL RELEASE	01/06/15	RW	EC
B	--	--	Add Protection Class: IP2X	05/05/15	RW	EC
C	--	--	Add Dust Cap & Change HVIL Wire, Update Spec.	03/29/16	RW	TS
D	--	--	Change Shell and Gasket	05/10/17	Sam	Julie



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: Power: 300A; 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: 50 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

订购信息 Ordering Information

PL083 X - 30 1 - 30 D 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	线缆尺寸 Cable Size "70"=70mm ² "50"=50mm ² "35"=35mm ²

Standard Part List (With HVIL)

P/N	Model NO.	Mating Plug Model NO.	Dimension "A"
AC-HA001572	PL083X-301-30D35	PL183X-301-XX, PL283X-301-XX	36.4
AC-HA001573	PL083Y-301-30D35	PL183Y-301-XX, PL283Y-301-XX	36.4
AC-HA001574	PL083X-301-30D50	PL183X-301-XX, PL283X-301-XX	39.4
AC-HA001575	PL083Y-301-30D50	PL183Y-301-XX, PL283Y-301-XX	39.4
AC-HA001576	PL083X-301-30D70	PL183X-301-XX, PL283X-301-XX	39.4
AC-HA001577	PL083Y-301-30D70	PL183Y-301-XX, PL283Y-301-XX	39.4

Standard Part List (With Out HVIL)

P/N	Model NO.	Mating Plug Model NO.	Dimension "A"
AC-HA001578	PL083X-300-30D35	PL183X-300-XX, PL283X-300-XX	36.4
AC-HA001579	PL083Y-300-30D35	PL183Y-300-XX, PL283Y-300-XX	36.4
AC-HA001580	PL083X-300-30D50	PL183X-300-XX, PL283X-300-XX	39.4
AC-HA001581	PL083Y-300-30D50	PL183Y-300-XX, PL283Y-300-XX	39.4
AC-HA001582	PL083X-300-30D70	PL183X-300-XX, PL283X-300-XX	39.4
AC-HA001583	PL083Y-300-30D70	PL183Y-300-XX, PL283Y-300-XX	39.4



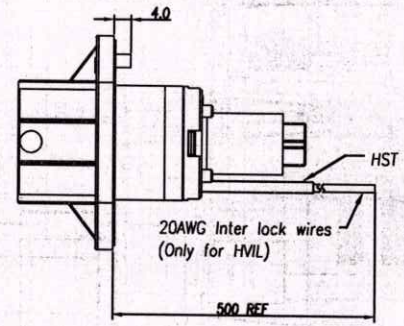
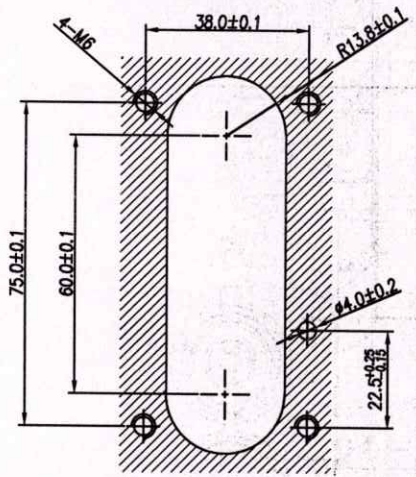
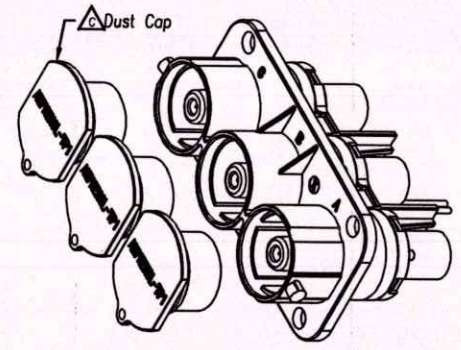
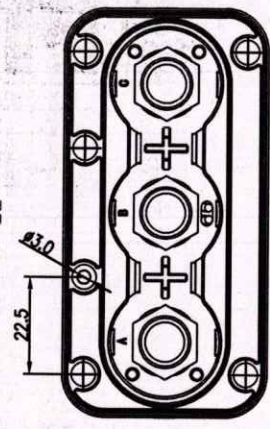
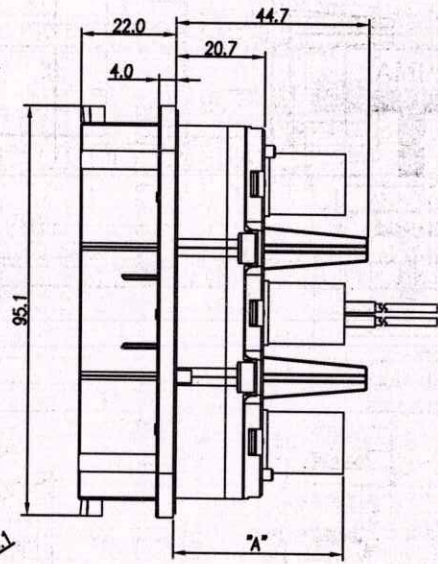
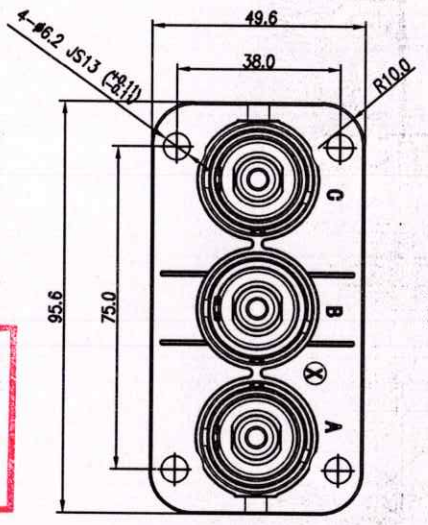
Amphenol Technical Products International GZ

签名 SIGNATURE		日期 DATE	UNLESS OTHERWISE SPECIFIED			PART NAME:	
制图 DRAWN	Sam	05/10/17	1) All dimensions are in metric(mm).	PwrLok 10mm 3POS Rcpt Conn		DWG NO:	
审核 CHECKED	Julie	05/10/17	2) Tolerances are as follows:	PL083-300-30		CUST PART #:	
批准 APPROVAL	Haley	05/10/17	0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20	N/A		CUST REV.:	
			Angles ±1°				

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Customer Drawing

Amphenol TPI
2018-08-22
REGISTERED COPY



REVISIONS					
REV	ZONE	ECO	DESCRIPTION	DATE	BY APPR
A	---	---	INITIAL RELEASE	01/06/15	RW EC
B	---	---	Add Protection Class: IP2X	05/05/15	RW EC
C	---	---	Add Dust Cap & Change IML Wire, Update Spec.	03/29/16	RW TS
D	---	---	Change Shell and Gasket	05/10/17	Sam Julie

Standard Part List (With HVIL)

P/N	Model NO.	Mating Plug Model NO.	Dimension "A"
AC-HA001572	PL083X-301-30D35	PL183X-301-XX, PL283X-301-XX	36.4
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AC-HA001574	PL083X-301-30D50	PL183X-301-XX, PL283X-301-XX	39.4
AC-HA001575	PL083Y-301-30D50	PL183Y-301-XX, PL283Y-301-XX	39.4
AC-HA001576	PL083X-301-30D70	PL183X-301-XX, PL283X-301-XX	39.4
AC-HA001577	PL083Y-301-30D70	PL183Y-301-XX, PL283Y-301-XX	39.4

Standard Part List (With Out HVIL)

P/N	Model NO.	Mating Plug Model NO.	Dimension "A"
AC-HA001578	PL083X-300-30D35	PL183X-300-XX, PL283X-300-XX	36.4
AC-HA001579	PL083Y-300-30D35	PL183Y-300-XX, PL283Y-300-XX	36.4
AC-HA001580	PL083X-300-30D50	PL183X-300-XX, PL283X-300-XX	39.4
AC-HA001581	PL083Y-300-30D50	PL183Y-300-XX, PL283Y-300-XX	39.4
AC-HA001582	PL083X-300-30D70	PL183X-300-XX, PL283X-300-XX	39.4
AC-HA001583	PL083Y-300-30D70	PL183Y-300-XX, PL283Y-300-XX	39.4

规格参数 (Spec.):

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- 带高压互锁 Electrical interlock (HVIL).
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- 电磁屏蔽 Shielding.
- 机械寿命 Mating cycle: 50 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

订购信息 Ordering Information

PL083 X - 30 1 - 30 D 70

键位及颜色 Key	高压互锁 HVIL	线缆尺寸 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

		Amphenol Technical Products International GZ			
		第三角投影 THIRD ANGLE PROJECTION	页面 SHEET 1 of 1	幅面 SIZE A3	版次 REV. D
签名 SIGNATURE: <i>Sam</i> 日期 DATE: 05/10/17 制图 DRAWN: <i>Sam</i> 审核 CHECKED: <i>Jing</i> 批准 APPROVAL: <i>Way</i>		日期 DATE: 05/10/17 日期 DATE: 05/10/17 日期 DATE: 05/10/17		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°	
		PwrLok 10mm 3POS Rcpt Conn P/N: PL083-300-30 N/A			

Freel 2018.12.21 2018.12.21