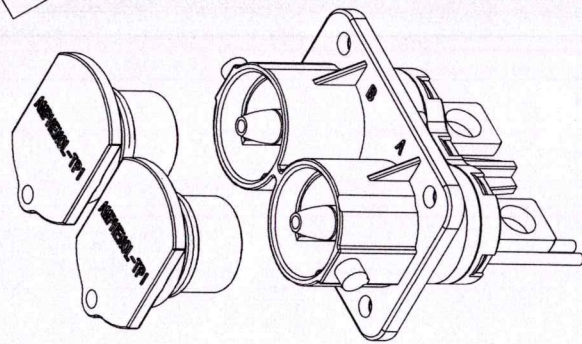


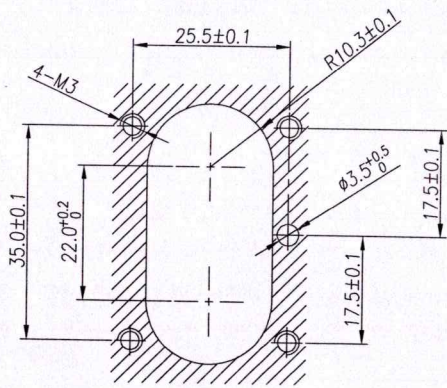
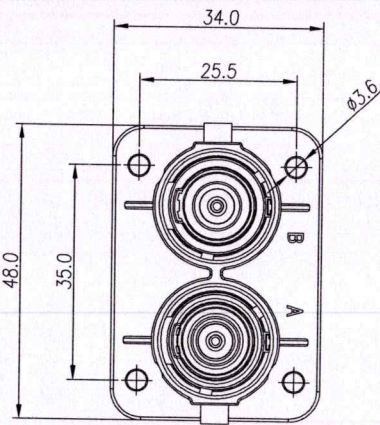
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Customer Drawing

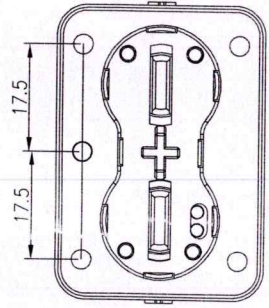
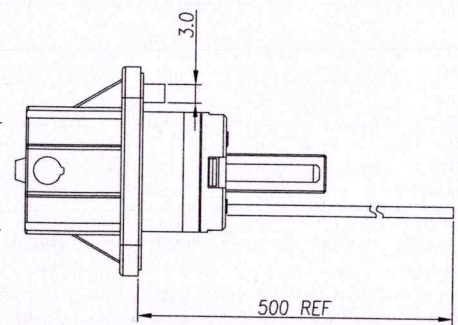
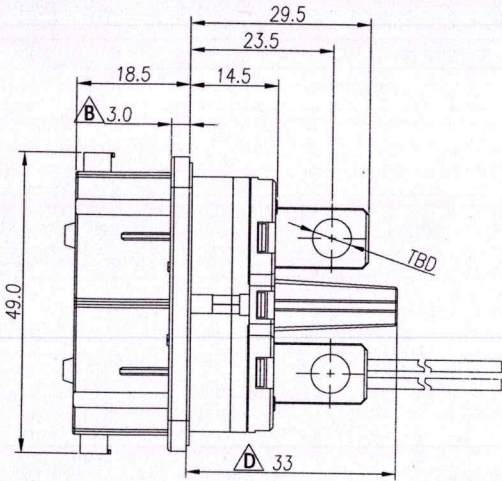


Amphenol TPI
2019-12-09
REGISTERED COPY

- 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: 120A; 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 mating, between pin and metal shell : 5000 VDC.
 - 与插头对插后, Pin与HVIL之间
After mating, between pin and HVIL : 5000 VDC.
 - 与插头对插后, HVIL与铁壳之间
After mating, between HVIL and metal shell : 500 VDC.
 - 与插头对插前, 两个HVIL端子之间耐压
Before mating, 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. Δ
 - 带自动二次锁扣 Automatic secondary lock.
 - 铜排推荐安装扭矩 Recommended Fasten Torque on Lug:
M6 : 3.6~4.4 Nm
 - 推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange : 0.86±20% Nm



面板安装孔尺寸
Panel Size



REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	---	---	INITIAL RELEASE	08/22/14	RW	EC
B	---	---	Add Dimentions, Add Mark and Error Proof Pole on Flange	06/09/15	RW	EC
C	---	---	Add Dust Cap & Change HML Wire, Update Spec.	03/30/16	RW	TS
D	---	---	Tail cap is added to increase size 33.	04/13/18	KW	JG
E	---	---	Update Spec.	12/02/19	Fred	JL

订购信息 Ordering Information

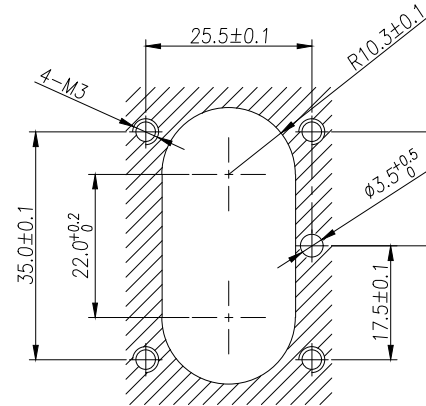
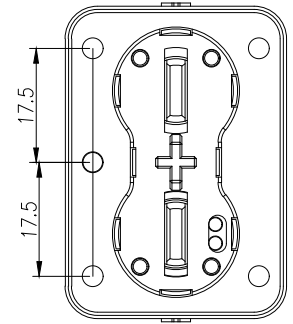
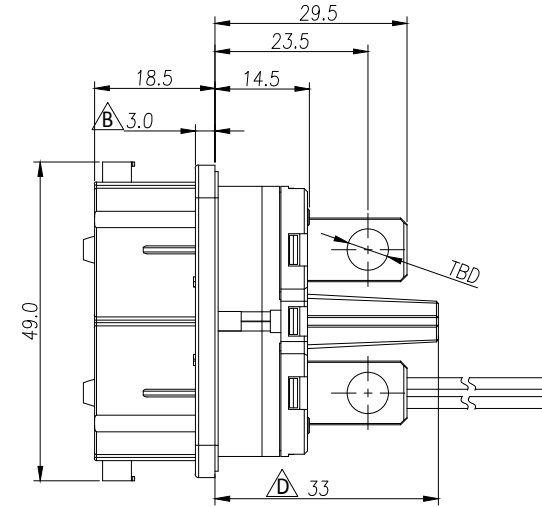
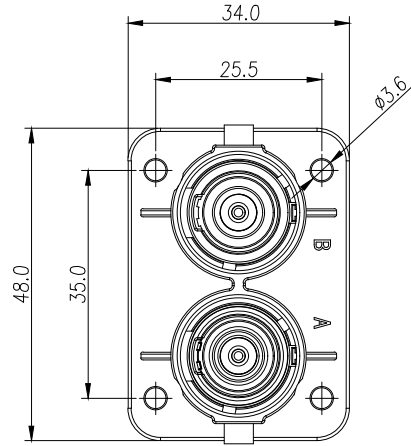
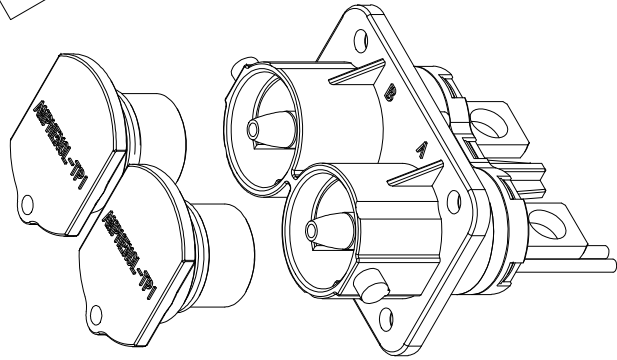
PL082 X - 12 0 - 10 D 6

键位及颜色 Key & Color	高压互锁 HVIL	孔种类 Hole Type	联接螺栓 Bolt Size
"X", 橙色 Orange	0, 不带互锁 No HVIL	D, 通孔 Through Hole	Customer Define
"Y", 黑色 Black	1, 带互锁 With HVIL	M, 螺纹孔 Screw Hole	

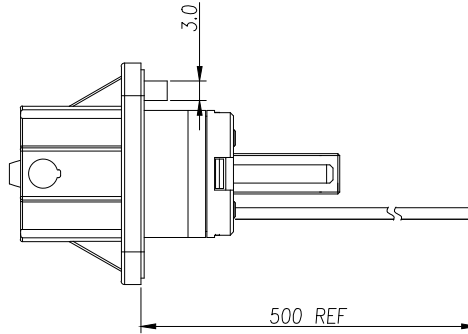
AMPHENOL		Amphenol Technical Products International Asia.			
	第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE
	☉	1 of 1	A3	E	PART NAME: PwrLok 5.7mm 2POS Rept Lug Assy
签名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED	
制图 DRAWN		日期 DATE		1) All dimensions are in metric (mm).	
审核 CHECKED		日期 DATE		2) Tolerances are as follows:	
批准 APPROVAL		日期 DATE		0 PL DEC ±1.00	
				1 PL DEC ±0.50	
				2 PL DEC ±0.20	
				Angles ±1°	
DWG NO: PL082-120-10			CUST PART #: N/A		
CUST REV: -					

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Customer Drawing



面板安装孔尺寸
Panel Size



REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A	--	--	INITIAL RELEASE	08/22/14	RW	EC
B	--	--	Add Dimensions, Add Mark and Error Proof Pole on Flange	06/09/15	RW	EC
C	--	--	Add Dust Cap & Change HVIL Wire, Update Spec.	03/30/16	RW	TS
D	--	--	Tail cap is added to increase size 33.	04/13/18	KW	JG
E	--	--	Update Spec.	12/02/19	Fred	JL

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- 推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange : 0.86±20% Nm

订购信息 Ordering Information

PL082 X - 12 0 - 10 D 6

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		Amphenol Technical Products International Asia.				PART NAME: PwrLok 5.7mm 2POS Rcpt Lug Assy	
		第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	DWG NO: PL082-120-10
签名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED		CUST PART #:	
制图 DRAWN		Fred		1) All dimensions are in metric (mm).		N/A	
审核 CHECKED		YM Zeng		2) Tolerances are as follows:		CUST REV.	
批准 APPROVAL		James Li		0 PL DEC ±1.00		-	
				1 PL DEC ±0.50			
				2 PL DEC ±0.20			
				Angles ±1°			