

CUSTOMER DRAWING

键位 Key	A	B
X	80°	36°
Y	50°	86°
U	36°	76°
V	100°	56°
W	130°	60°
T	144°	96°

规格参数(Spec.):

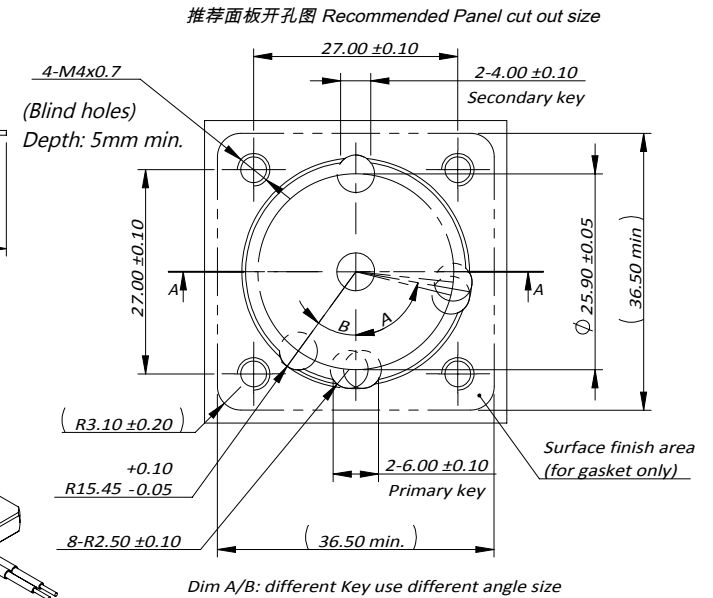
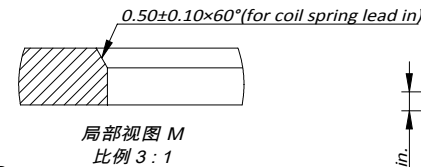
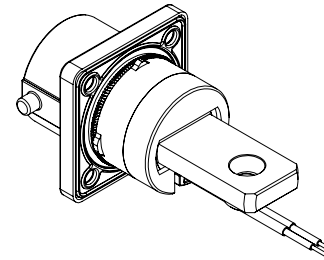
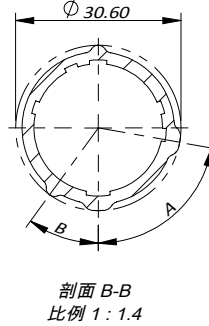
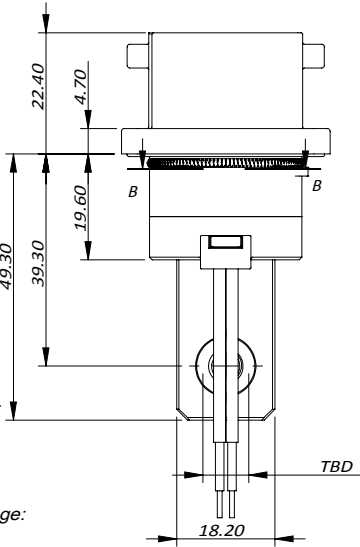
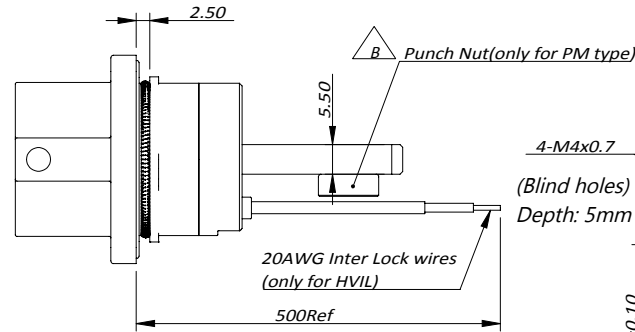
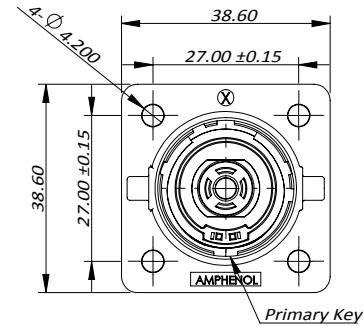
- 工作温度 Operating temperature:
-40°C ~ +125°C.
- 带高压互锁 Electrical interlock(HVIL).
- 额定电流 Current rating:
Power: 300A; HVIL: 5A.
- 额定电压 Operating voltage:
Power: 1000 VDC; Signal: 60 VDC.
- 耐电压 Dielectric withstanding voltage:
A. 与插头对接后, Pin与铁壳之间
When mated, between pin and metal shell: 5000 VDC.
B. 与插头对接后, Pin与HVIL之间
When mated, between pin and HVIL: 5000 VDC.
C. 与插头对接后, HVIL与铁壳之间
When mated, 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.
- 防护等级 Protection class: Mated-IP6k9k & IP67, unmated-IP2X.
- 电磁屏蔽 360° full Shielding.
- 机械寿命 Mating cycle: 100 Min.
- 绝缘材料满足 UL94V-0 Inner insulation material satisfy UL94V-0.
- 推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange: 1.6~2.4Nm
- 推荐铜排安装扭矩 Recommended Fasten Torque on Lug:
M6: 3.6~4.4Nm, M8: 7.2~8.8Nm
- 镀灰锌/锌镍合金, 符合RoHS, 满足500H中性盐雾实验
Gray Zinc/Nickel(ZnNi)Plating. RoHS compliant, Rated at 500hours salt spray.

订购信息 Ordering Information

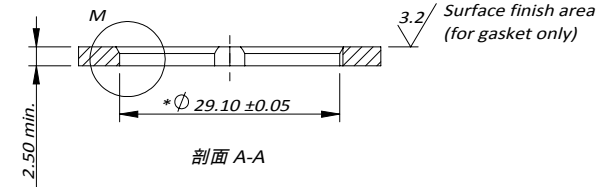
PL 00 X-30X - 10D8 - 2

Key and Color	HVIL	Hole Type
"X", Orange	"0", NO HVIL	"D", Through Hole
"Y", Black	"1", With HVIL	"M"=thread hole
"U", Yellow		"H"=slot hole
"V", Green		"PM"=Punch Nut
"W", Red		
"T", Blue		

REVISIONS				
REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:
A	--	INITIAL RELEASE	JX	JL
B	--	增加规格参数和Punch Nut 说明	Star	James



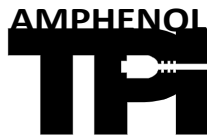
Dim A/B: different Key use different angle size

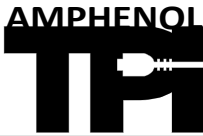


Amphenol Technical Products International Asia.					
第三角投影 THIRD ANGLE PROJECTION	页 面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME:
1 OF 2	A4	B			PwrLok 10mm G2 1POS Rcpt Lug
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:
制图 DRAWN	Star	1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1.PL DEC ± 1.00 2.PL DEC ± 0.50 3.PL DEC ± 0.20			PL00X-30X-10XX-2
审核 CHECKED		Angles ±1°			CUST PART #
批准 APPROVAL					CUST REV.

THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.

1		2		3		4		5		6		7		8	
型号		AC P/N		型号		AC P/N		REVISIONS							
PL00X-300-10M6-2		AC-HA010632		PL00X-301-10D10-2		AC-HA010698		REV#		ECN#		REVISION ACTION		REV.BY: APPR.BY: DATE	
PL00Y-300-10M6-2		AC-HA010633		PL00Y-301-10D10-2		AC-HA010699		A		--		INITIAL RELEASE		JX JL 03/09/2020	
PL00U-300-10M6-2		AC-HA010634		PL00U-301-10D10-2		AC-HA010700		B		--		增加规格参数和Punch Nut 说明		Star James 10/29/2020	
PL00V-300-10M6-2		AC-HA010635		PL00V-301-10D10-2		AC-HA010701									
PL00W-300-10M6-2		AC-HA010636		PL00W-301-10D10-2		AC-HA010702									
PL00T-300-10M6-2		AC-HA010637		PL00T-301-10D10-2		AC-HA010703									
PL00X-300-10M8-2		AC-HA010638		PL00X-300-10PM6-2		AC-HA012138									
PL00Y-300-10M8-2		AC-HA010639		PL00Y-300-10PM6-2		AC-HA012139									
PL00U-300-10M8-2		AC-HA010640		PL00U-300-10PM6-2		AC-HA012140									
PL00V-300-10M8-2		AC-HA010641		PL00V-300-10PM6-2		AC-HA012141									
PL00W-300-10M8-2		AC-HA010642		PL00W-300-10PM6-2		AC-HA012142									
PL00T-300-10M8-2		AC-HA010643		PL00T-300-10PM6-2		AC-HA012143									
PL00X-300-10D6-2		AC-HA010650		PL00X-301-10PM6-2		AC-HA012144									
PL00Y-300-10D6-2		AC-HA010651		PL00Y-301-10PM6-2		AC-HA012145									
PL00U-300-10D6-2		AC-HA010652		PL00U-301-10PM6-2		AC-HA012146									
PL00V-300-10D6-2		AC-HA010653		PL00V-301-10PM6-2		AC-HA012147									
PL00W-300-10D6-2		AC-HA010654		PL00W-301-10PM6-2		AC-HA012148									
PL00T-300-10D6-2		AC-HA010655		PL00T-301-10PM6-2		AC-HA012149									
PL00X-300-10D8-2		AC-HA010656													
PL00Y-300-10D8-2		AC-HA010657													
PL00U-300-10D8-2		AC-HA010658													
PL00V-300-10D8-2		AC-HA010659													
PL00W-300-10D8-2		AC-HA010660													
PL00T-300-10D8-2		AC-HA010661													
PL00X-300-10D10-2		AC-HA010662													
PL00Y-300-10D10-2		AC-HA010663													
PL00U-300-10D10-2		AC-HA010664													
PL00V-300-10D10-2		AC-HA010665													
PL00W-300-10D10-2		AC-HA010666													
PL00T-300-10D10-2		AC-HA010667													
PL00X-301-10M6-2		AC-HA010668													
PL00Y-301-10M6-2		AC-HA010669													
PL00U-301-10M6-2		AC-HA010670													
PL00V-301-10M6-2		AC-HA010671													
PL00W-301-10M6-2		AC-HA010672													
PL00T-301-10M6-2		AC-HA010673													
PL00X-301-10M8-2		AC-HA010674													
PL00Y-301-10M8-2		AC-HA010675													
PL00U-301-10M8-2		AC-HA010676													
PL00V-301-10M8-2		AC-HA010677													
PL00W-301-10M8-2		AC-HA010678													
PL00T-301-10M8-2		AC-HA010679													
PL00X-301-10D6-2		AC-HA010686													
PL00Y-301-10D6-2		AC-HA010687													
PL00U-301-10D6-2		AC-HA010688													
PL00V-301-10D6-2		AC-HA010689													
PL00W-301-10D6-2		AC-HA010690													
PL00T-301-10D6-2		AC-HA010691													
PL00X-301-10D8-2		AC-HA010692													
PL00Y-301-10D8-2		AC-HA010693													
PL00U-301-10D8-2		AC-HA010694													
PL00V-301-10D8-2		AC-HA010695													
PL00W-301-10D8-2		AC-HA010696													
PL00T-301-10D8-2		AC-HA010697													
1		2		3		4		5		6		7		8	

		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 G2 1POS Rcpt Lug			
		2 OF 2		A4	B	DWG NO: PL00X-30X-10XX-2					
签 名 SIGNATURE		日期 DATE		UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1.PL DEC ± 1.00 2.PL DEC ± 0.50 3.PL DEC ± 0.20 Angles ±1°				CUST PART # N/A		CUST REV. N/A	
制 图 DRAWN		Star									
审 核 CHECKED											
批 准 APPROVAL											

	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 G2 1POS Rcpt Lug				
		2 OF 2	A4	B						
签 名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1.PL DEC ± 1.00 2.PL DEC ± 0.50 3.PL DEC ± 0.20				DWG NO: PL00X-30X-10XX-2				
制 图 DRAWN	Star	10/29/2020					CUST PART # N/A		CUST REV. N/A	
审 核 CHECKED										
批 准 APPROVAL										