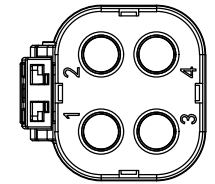
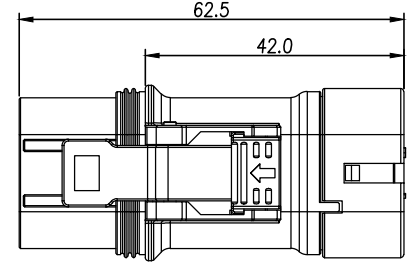
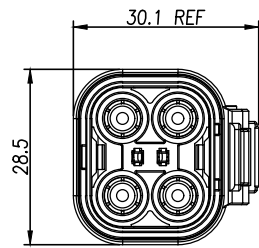
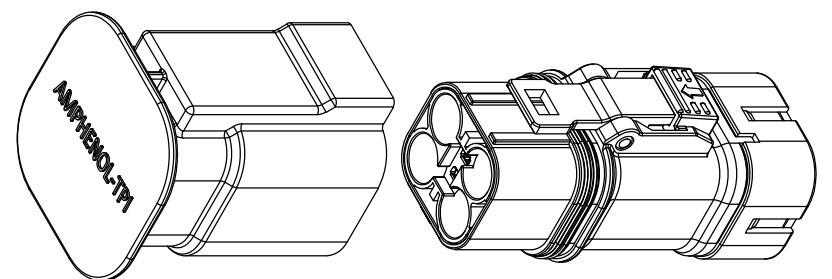
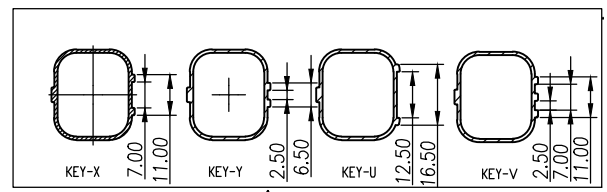


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Customer Drawing

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
B	--	--	Change pin for 4mm2 wire	11/03/15	RW	GX
D	--	--	Update Spec.	11/08/16	SW	TS
H	--	--	Add rating current and update part name	03/19/18	YM	JG
I	--	--	Add specification description	08/22/18	ST	JL

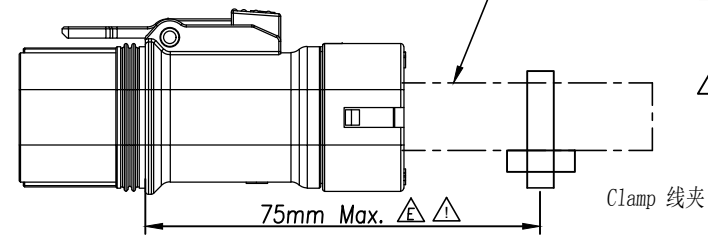
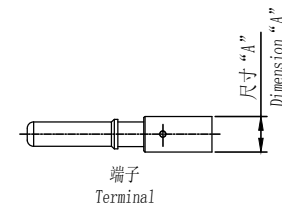


Standard Part List (With HVIL)

P/N	Model NO.	Recommended Wire OD	Dimension "A"	Mating Rcpt Model NO.
AC-HA002978	PL184X-41-2.5	5.0~5.4mm	φ3.70mm	PL084X-41-2.5
AC-HA002979	PL184Y-41-2.5			PL084Y-41-2.5
AC-HA002980	PL184U-41-2.5			PL084U-41-2.5
AC-HA010394	PL184V-41-2.5	5.6~6.0mm	△ φ4.57mm	PL084V-41-2.5
AC-HA002981	PL184X-41-4			PL084X-41-4
AC-HA002982	PL184Y-41-4			PL084Y-41-4
AC-HA002983	PL184U-41-4	6.4~7.0mm	φ5.80mm	PL084U-41-4
AC-HA010395	PL184V-41-4			PL084V-41-4
AC-HA002984	PL184X-41-6			PL084X-41-6
AC-HA002985	PL184Y-41-6	6.4~7.0mm	φ5.80mm	PL084Y-41-6
AC-HA002986	PL184U-41-6			PL084U-41-6
AC-HA010396	PL184V-41-6			PL084V-41-6

Standard Part List (Without HVIL)

P/N	Model NO.	Recommended Wire OD	Dimension "A"	Mating Plug Model NO.
AC-HA002969	PL184X-40-2.5	5.0~5.4mm	φ3.70mm	PL184X-40-2.5
AC-HA002970	PL184Y-40-2.5			PL184Y-40-2.5
AC-HA002971	PL184U-40-2.5			PL184U-40-2.5
AC-HA010397	PL184V-40-2.5	5.6~6.0mm	△ φ4.57mm	PL184V-40-2.5
AC-HA002972	PL184X-40-4			PL184X-40-4
AC-HA002973	PL184Y-40-4			PL184Y-40-4
AC-HA002974	PL184U-40-4	6.4~7.0mm	φ5.80mm	PL184U-40-4
AC-HA010398	PL184V-40-4			PL184V-40-4
AC-HA002975	PL184X-40-6			PL184X-40-6
AC-HA002976	PL184Y-40-6	6.4~7.0mm	φ5.80mm	PL184Y-40-6
AC-HA002977	PL184U-40-6			PL184U-40-6
AC-HA010399	PL184V-40-6			PL184V-40-6



△  
Note:  
Mechanical loads applied to the connector must be controlled by appropriate strain relief of the cable. No bend/twist/flex is allowed on cable prior to securement. Cable must be fixed to a point structurally contiguous with the receptacle connector within 75mm. from the mating interface of the plug and receptacle. No relative movement between receptacle and first cable securing device is permissible. Strain relief distance should be minimized for all applications

- 规格参数 (Spec.):
- 工作温度 Operating temperature: -40° C~+125° C.
  - 额定电流 Current rating (connector only):  
2.5mm<sup>2</sup>: 25A, 4mm<sup>2</sup>: 35A, 6mm<sup>2</sup>: 45A.
  - 额定电压 Operating voltage:  
Power: 1000 VDC; Signal: 60 VDC.
  - 耐压 Dielectric withstanding voltage:  
pin to pin/shell: 5000 VDC 60S 漏电流 <5mA;  
HVIL to HVIL/shell 500 VDC 60S 漏电流 <5mA.
  - 防护等级 Protection class: IP67 (水深1m, 浸泡0.5h) & IP2X.
  - 阻燃等级 Flame Rating 绝缘件 UL94-V0 密封件 UL94-HB
  - 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).
  - 对插插座见图纸 Mating receptacle see drawing: "PL084-40".

订购信息 Ordering Information

PL18 4 X - 4 1 - 6

键位 Key "X" "Y" "U" "V"	高压互锁 HVIL 0, 不带互锁 No HVIL 1, 带互锁 With HVIL	线缆大小 Cable Size "6"=6mm <sup>2</sup> "4"=4mm <sup>2</sup> "2.5"=2.5mm <sup>2</sup>
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	Amphenol Technical Products International Asia.					PART NAME: PwrLok 4.0mm 4POS Plug Conn
	第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED			DWG NO:	
制图 DRAWN	Steven	08/23/18	1) All dimensions are in metric(mm).			
审核 CHECKED			2) Tolerances are as follows:			
批准 APPROVAL			0 PL DEC ±1.00 1 PL DEC ±0.50 2 PL DEC ±0.20			
			Angles ±1°			CUST PART #: N/A
						CUST REV.