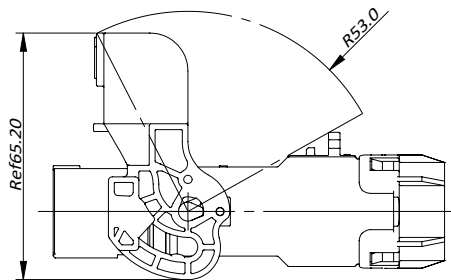
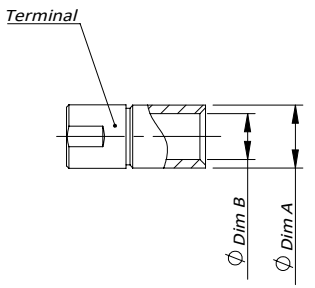
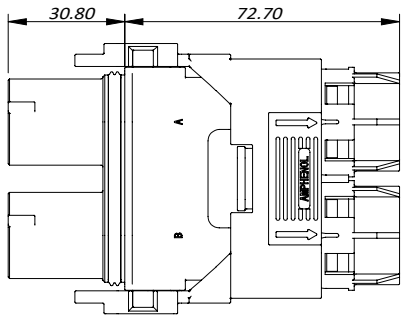
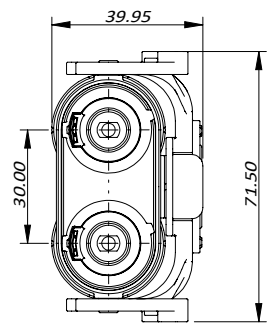
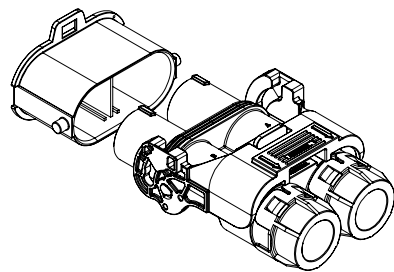


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CUSTOMER DRAWING



REVISIONS					
REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
A	--	INITIAL RELEASE	JX	JL	03/09/2020
B	--	Add new parts and Key U/V	Star	James	10/13/2020
C	--	Add Protection Cap And KeyW/T	Star	JL	03/04/2021
D	--	Change the temperature of technical points	Star	JL	12/03/2021
E	--	Change operating temperature, voltage	JS	JL	08/09/2022

订购信息 Ordering Information

PL182 X - 30 1 - 70 - 2 -5

Key and Color "X", Orange "Y", Black "U", Yellow "V", Green "W", Red "T", Blue	HVIL "0", NO HVIL "1", With HVIL	Cable Size "70"=70mm2 "50"=50mm2	Cable Type: "-5", Huber+Suhner
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规格参数 (Spec.):

1. 工作温度 Operating temperature : -40°C ~ +125°C. △E
2. 带高压互锁 Electrical interlock (HVIL).
3. 额定电流 Current rating:
Power: 50mm², 200A; 70mm², 250A; HVIL: 5A.
4. 额定电压 Operating voltage:
Power: 1500 VDC; Signal: 60 VDC.
5. 耐电压 Dielectric withstanding voltage:
 - A. 与插座对插后, Pin与铁壳之间
When mated, between pin and metal shell: 6000 VDC.
 - B. 与插座对插后, Pin与HVIL之间
When mated, between pin and HVIL: 6000 VDC.
 - C. 与插座对插后, HVIL与铁壳之间
When mated, between HVIL and metal shell: 500 VDC.
 - D. 与插座对插前, 两个HVIL端子之间耐压
Before mating, between two HVIL terminals: 500 VDC.
6. 防护等级 Protection class: Mated-IP6k9k & IP67, unmated-IP2X.
7. 电磁屏蔽 360° full Shielding.
8. 机械寿命 Mating cycle: 100 Min.
9. 带CPA的摇杆系统 Latch system with CPA.
10. 绝缘材料满足UL94 V-0 Inner insulation material satisfy UL94V-0.
11. 镀灰锌/镍合金, 满足500H中性盐雾实验
Gray Zinc/Nickel(ZnNi) Plating. Rated at 500hours salt spray.
12. 产品满足RoHS和REACH要求. Parts must be RoHS and reach compliant. ▽
13. 绝缘体为140°RTI材料. The insulators are 140° RTI material. △E

Standard Part List:

Model No.	H+S Part No.	Dia. Primary Insulation (mm)	Dia. of Screen max. (mm)	Overall-Dia. Nominal (mm)	Outside-Dia. of terminal (mm): "A"	Inside-Dia. of terminal (mm): "B"
PL182(X)-30X-70-2-5	84100298	13.7±0.3	14.6	17.0±0.3	16.7±0.3	12.2±0.3
PL182(X)-30X-50-2-5	84096257	11.5±0.3	12.6	14.9±0.3	14.0±0.3	10.0±0.3

Amphenol Technical Products International Asia.

第三角投影 THIRD ANGLE PROJECTION 	页面 SHEET 1 OF 2	幅面 SIZE A4	版次 REV. E	比例 SCALE --	PART NAME: PL300 G2 2POS Straight Plug	
签名 SIGNATURE 日期 DATE	制图 DRAWN July.su	审核 CHECKED	批准 APPROVAL	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°		
DWG NO: PL182X-30X-XX-2-5					CUST PART #	CUST REV.

Key Characteristics Critical 关键特性
Amphenol for Latest Definition Significant 重要特性

