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CUSTOMER DRAWING

REVISIONS

REV#	ECN#	REVISION ACTION	REV.BY:	APPR.BY:	DATE
A	--	INITIAL RELEASE	JX	JL	03/09/2020

规格参数(Spec.):

- 1.工作温度 Operating temperature : $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$.
- 2.带高压互锁 Electrical interlock (HVIL).
- 3.额定电流 Current rating:
Power: 300A; HVIL: 5A.
- 4.额定电压 Operating voltage:
Power: 1000 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: 5000 VDC.
 - B.与插座对插后,Pin与HVIL之间
When mated, between pin and HVIL: 5000 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.推荐法兰盘螺丝安装扭矩 Recommended Screw Assembly Torque on Flange : 6.2~7.6Nm
- 10.推荐铜排安装扭矩 Recommended Fasten Torque on Lug:
M6: 3.6~4.4Nm, M8: 7.2~8.8Nm, M10: 17.1~20.9Nm
- 11.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

PL083 X - 30 1 - 10 PM 6 - 2

Key and Color

"X", Orange
"Y", Black

HVIL

"0", NO HVIL
"1", With HVIL

Hole Type

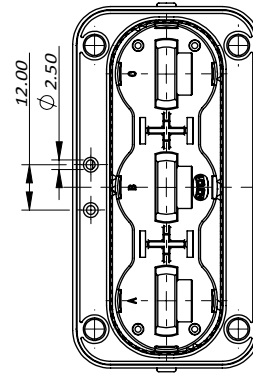
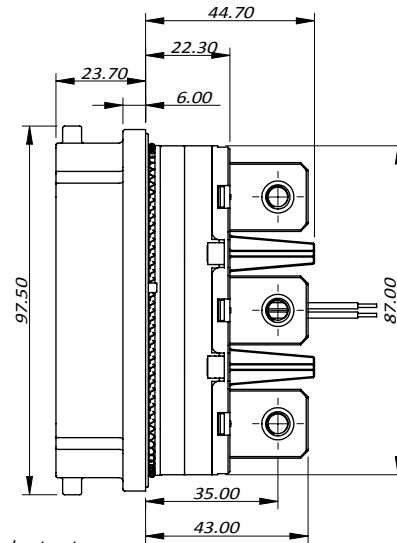
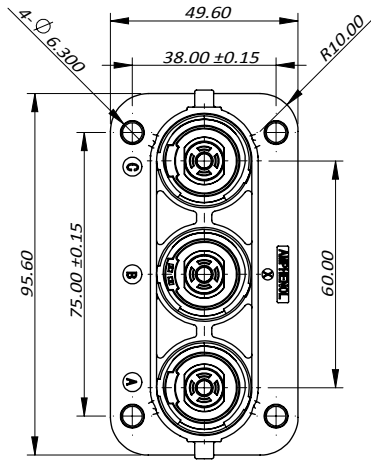
"D", through hole
"M", thread hole
"H", slot hole
"PM", punched nut

Hole Size

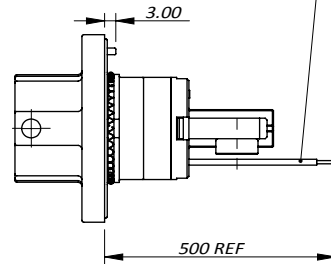
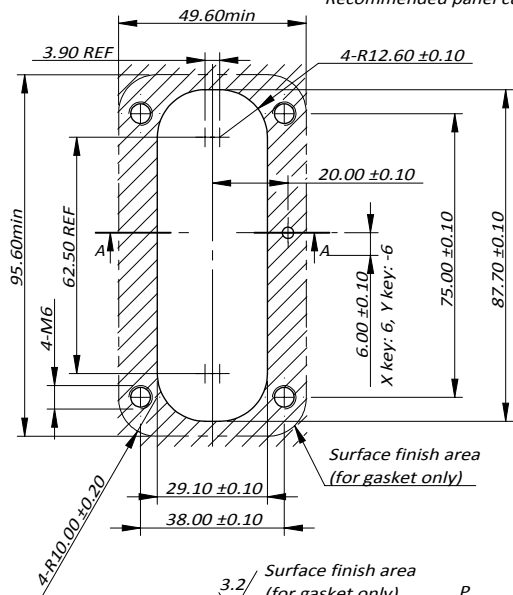


Amphenol Technical Products International Asia.

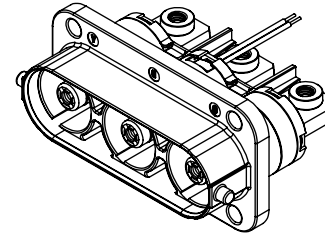
第三角投影 THIRD ANGLE PROJECTION	页面 SHEET	幅面 SIZE	版次 REV.	比例 SCALE	PART NAME:
	1 OF 2	A4	A	--	PL10mm G2 3POS Rcpt Lug
签名 SIGNATURE	日期 DATE	UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1.PL DEC ± 1.00 2.PL DEC ± 0.50 3.PL DEC ± 0.20 Angles $\pm 1^{\circ}$			DWG NO:
制图 DRAWN	Jack	03/09/2020			
审核 CHECKED					
批准 APPROVAL					
					CUST PART #
					CUST REV.



Recommended panel cut out



20AWG Inter lock wires
(Only for HVIL)



C0.3±0.10°60° (For coil spring lead in)



局部视图 P
比例 5 : 1

