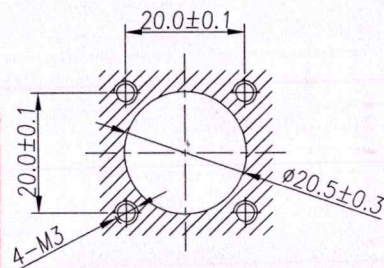
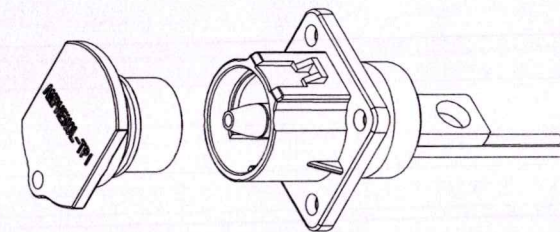
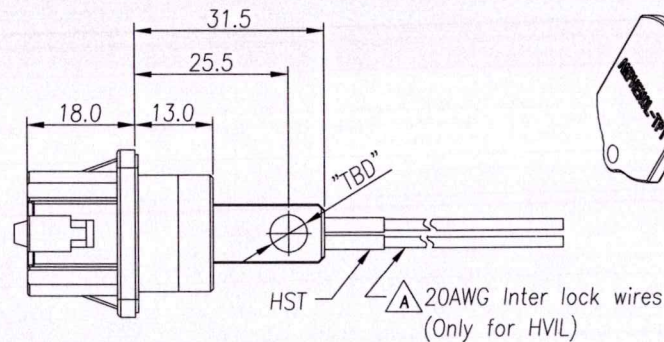
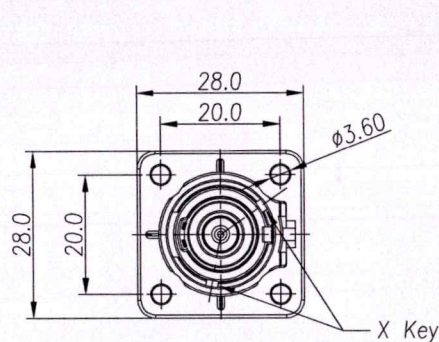
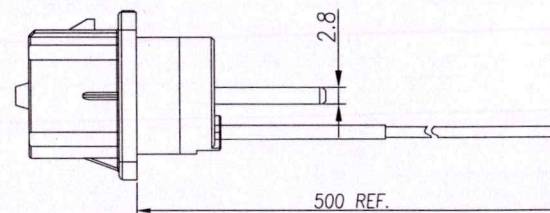


Customer Drawing

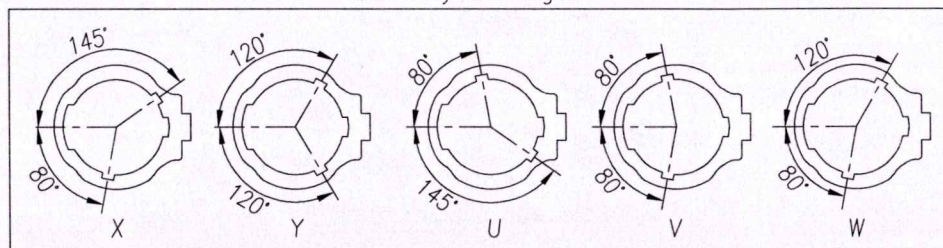
| REVISONS |      |     |                                           |          |           |
|----------|------|-----|-------------------------------------------|----------|-----------|
| REV      | ZONE | ECO | DESCRIPTION                               | DATE     | BY APPR   |
| A        | --   | --  | Change HVIL Wire & Dust Cap, Update Spec. | 03/31/16 | RW TS     |
| B        | --   | --  | Change Mating cycle                       | 08/27/19 | Steven JL |



面板安装孔尺寸  
Panel Size



The Key of Angle



Standard Part List

| P/N         | Model NO.      | Polarization |
|-------------|----------------|--------------|
| AC-HA000469 | PL00X-120-10D6 | X            |
| AC-HA000470 | PL00Y-120-10D6 | Y            |
| AC-HA000471 | PL00U-120-10D6 | U            |
| AC-HA000472 | PL00V-120-10D6 | V            |
| AC-HA000473 | PL00W-120-10D6 | W            |
| AC-HA000479 | PL00X-120-10M6 | X            |
| AC-HA000480 | PL00Y-120-10M6 | Y            |
| AC-HA000481 | PL00U-120-10M6 | U            |
| AC-HA000482 | PL00V-120-10M6 | V            |
| AC-HA000483 | PL00W-120-10M6 | W            |

Standard Part List (With HVIL)

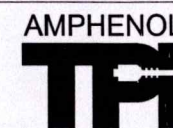
| P/N         | Model NO.      | Polarization |
|-------------|----------------|--------------|
| AC-HA000305 | PL00X-121-10D6 | X            |
| AC-HA000306 | PL00Y-121-10D6 | Y            |
| AC-HA000307 | PL00U-121-10D6 | U            |
| AC-HA000308 | PL00V-121-10D6 | V            |
| AC-HA000309 | PL00W-121-10D6 | W            |
| AC-HA000459 | PL00X-121-10M6 | X            |
| AC-HA000460 | PL00Y-121-10M6 | Y            |
| AC-HA000461 | PL00U-121-10M6 | U            |
| AC-HA000462 | PL00V-121-10M6 | V            |
| AC-HA000463 | PL00W-121-10M6 | W            |

规格参数 (Spec.):

1. 工作温度 Operating temperature:  
-40° C ~ +125° C.
2. 带高压互锁 Electrical interlock (HVIL).
3. 额定电流 Current rating:  
Power: 120A; HVIL: 5A.
4. 额定电压 Operating voltage:  
Power: 1000 VDC; Signal: 60 VDC.
5. 耐电压 Dielectric withstanding voltage:  
A. 与插头对插后, Pin与铁壳之间  
After mating, between pin and metal shell : 5000 VDC.  
B. 与插头对插后, Pin与HVIL之间  
After mating, between pin and HVIL : 5000 VDC.  
C. 与插头对插后, HVIL与铁壳之间  
After mating, between HVIL and metal shell : 500 VDC.  
D. 与插头对插前, 两个HVIL端子之间耐压  
Before mating, between two HVIL terminals : 500 VDC.
6. 防护等级 Protection class: IP67 & IP2X.
7. 电磁屏蔽 Shielding.
8. 机械寿命 Mating cycle: 100 Min.
9. 带自动二次锁扣 Automatic secondary lock.
10. 铜排推荐安装扭矩 Recommended Fasten Torque on Lug:  
M6 : 3.6~4.4 Nm
11. 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

|                   |                  |                    |                 |   |    |   |   |
|-------------------|------------------|--------------------|-----------------|---|----|---|---|
| PL00 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  |                 |   |    |   |   |
| "U", 黄色 Yellow    |                  |                    |                 |   |    |   |   |
| "V", 绿色 Green     |                  |                    |                 |   |    |   |   |
| "W", 红色 Red       |                  |                    |                 |   |    |   |   |

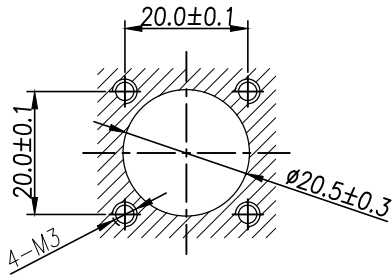
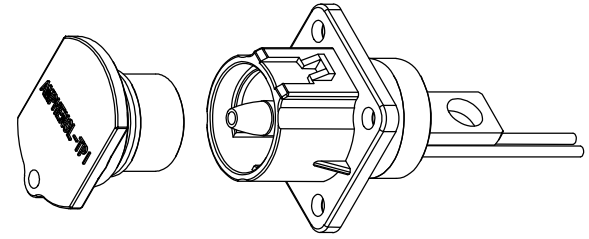
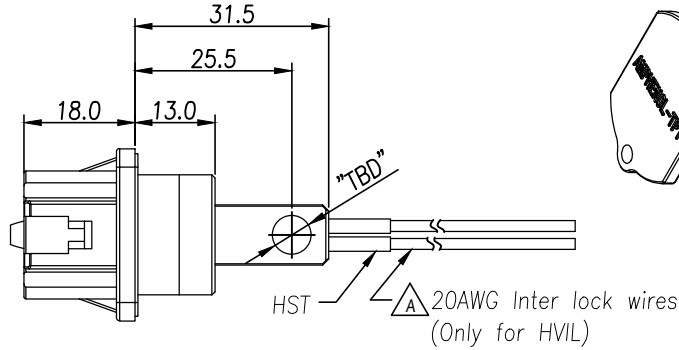
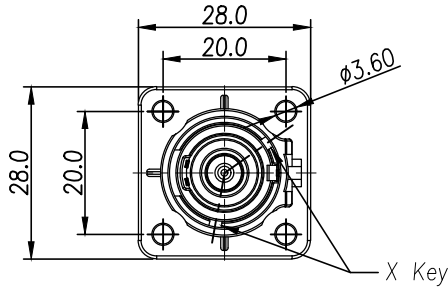


Amphenol Technical Products International GZ

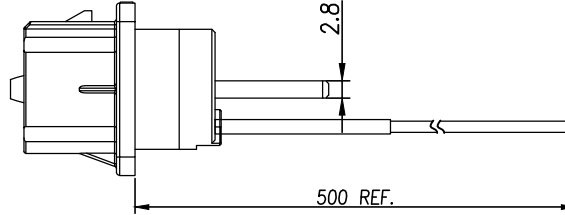
|                                    |             |                                       |            |             |                                          |
|------------------------------------|-------------|---------------------------------------|------------|-------------|------------------------------------------|
| 第三角投影<br>THIRD ANGLE<br>PROJECTION | 页码<br>SHEET | 幅面<br>SIZE                            | 版次<br>REV. | 比例<br>SCALE | PART NAME:<br>PwrLok 5.7mm 1POS Rcpt Lug |
| 1 of 1                             | A3          | B                                     | -          | -           | DWG NO.:<br>PL00-120-10                  |
| 签名 SIGNATURE                       | 日期 DATE     | UNLESS OTHERWISE SPECIFIED            |            |             | CUST PART #:                             |
| 制图 DRAWN Steven                    | 08/27/19    | 1) All dimensions are in metric (mm). |            |             | N/A                                      |
| 审核 CHECKED                         | 2019.11.29  | 2) Tolerances are as follows:         |            |             | CUST REV.                                |
| 批准 APPROVAL                        | 2019.12.22  | 0 PL DEC ±1.00                        |            |             | -                                        |
|                                    |             | 1 PL DEC ±0.50                        |            |             |                                          |
|                                    |             | 2 PL DEC ±0.20                        |            |             |                                          |
|                                    |             | Angles ±1°                            |            |             |                                          |

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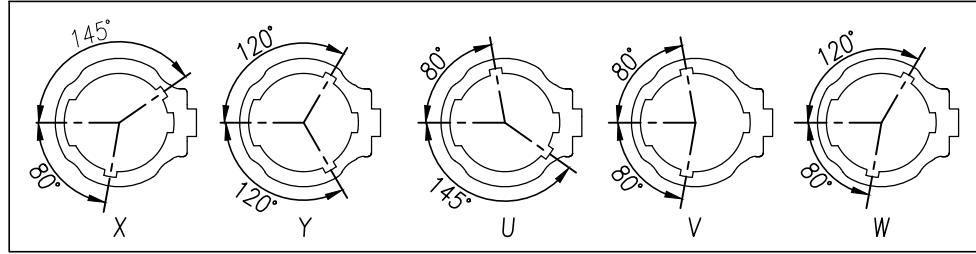
Customer Drawing



面板安装孔尺寸  
Panel Size



The Key of Angle



订购信息 Ordering Information

|                   |   |                  |    |                    |   |                 |   |   |
|-------------------|---|------------------|----|--------------------|---|-----------------|---|---|
| PL00              | 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, 螺孔 Screw Hole   |   |                 |   |   |
| "U", 黄色 Yellow    |   |                  |    |                    |   |                 |   |   |
| "V", 绿色 Green     |   |                  |    |                    |   |                 |   |   |
| "W", 红色 Red       |   |                  |    |                    |   |                 |   |   |

| REVISIONS |      |     | REVISIONS                                 |          |        |      |
|-----------|------|-----|-------------------------------------------|----------|--------|------|
| REV       | ZONE | ECO | DESCRIPTION                               | DATE     | BY     | APPR |
| A         | --   | --  | Change HVIL Wire & Dust Cap, Update Spec. | 03/31/16 | RW     | TS   |
| B         | --   | --  | Change Mating cycle                       | 08/27/19 | Steven | JL   |

Standard Part List

| P/N         | Model NO.      | Polarization |
|-------------|----------------|--------------|
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| AC-HA000470 | PL00Y-120-10D6 | Y            |
| AC-HA000471 | PL00U-120-10D6 | U            |
| AC-HA000472 | PL00V-120-10D6 | V            |
| AC-HA000473 | PL00W-120-10D6 | W            |
| AC-HA000479 | PL00X-120-10M6 | X            |
| AC-HA000480 | PL00Y-120-10M6 | Y            |
| AC-HA000481 | PL00U-120-10M6 | U            |
| AC-HA000482 | PL00V-120-10M6 | V            |
| AC-HA000483 | PL00W-120-10M6 | W            |

Standard Part List (With HVIL)

| P/N         | Model NO.      | Polarization |
|-------------|----------------|--------------|
| AC-HA000305 | PL00X-121-10D6 | X            |
| AC-HA000306 | PL00Y-121-10D6 | Y            |
| AC-HA000307 | PL00U-121-10D6 | U            |
| AC-HA000308 | PL00V-121-10D6 | V            |
| AC-HA000309 | PL00W-121-10D6 | W            |
| AC-HA000459 | PL00X-121-10M6 | X            |
| AC-HA000460 | PL00Y-121-10M6 | Y            |
| AC-HA000461 | PL00U-121-10M6 | U            |
| AC-HA000462 | PL00V-121-10M6 | V            |
| AC-HA000463 | PL00W-121-10M6 | W            |

规格参数 (Spec.):

- 工作温度 Operating temperature:  
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- 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.
- 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

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|                                                                                       |        |                                                                                       |                                                                                                                                               |             |            |            |                            |                                              |  |                    |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|----------------------------|----------------------------------------------|--|--------------------|--|--|--|--|--|--|
|  |        | 第三角投影<br>THIRD ANGLE<br>PROJECTION                                                    |                                                                                                                                               | 页面<br>SHEET | 幅面<br>SIZE | 版次<br>REV. | 比例<br>SCALE                | PART NAME:<br><br>PwrLok 5.7mm 1POS Rcpt Lug |  |                    |  |  |  |  |  |  |
|                                                                                       |        |  | 1 of 1                                                                                                                                        | A3          | B          | -          | DWG NO:<br><br>PL00-120-10 |                                              |  |                    |  |  |  |  |  |  |
|                                                                                       |        | UNLESS OTHERWISE SPECIFIED                                                            |                                                                                                                                               |             |            |            |                            |                                              |  |                    |  |  |  |  |  |  |
| 签名 SIGNATURE                                                                          |        | 日期 DATE                                                                               | 1) All dimensions are in metric(mm).<br>2) Tolerances are as follows:<br>0 PL DEC ±1.00<br>1 PL DEC ±0.50<br>2 PL DEC ±0.20<br><br>Angles ±1° |             |            |            |                            |                                              |  |                    |  |  |  |  |  |  |
| 制图 DRAWN                                                                              | Steven | 08/27/19                                                                              | CUST PART #:<br><br>N/A                                                                                                                       |             |            |            |                            |                                              |  |                    |  |  |  |  |  |  |
| 审核 CHECKED                                                                            |        |                                                                                       |                                                                                                                                               |             |            |            |                            |                                              |  | CUST REV.<br><br>- |  |  |  |  |  |  |
| 批准 APPROVAL                                                                           |        |                                                                                       |                                                                                                                                               |             |            |            |                            |                                              |  |                    |  |  |  |  |  |  |