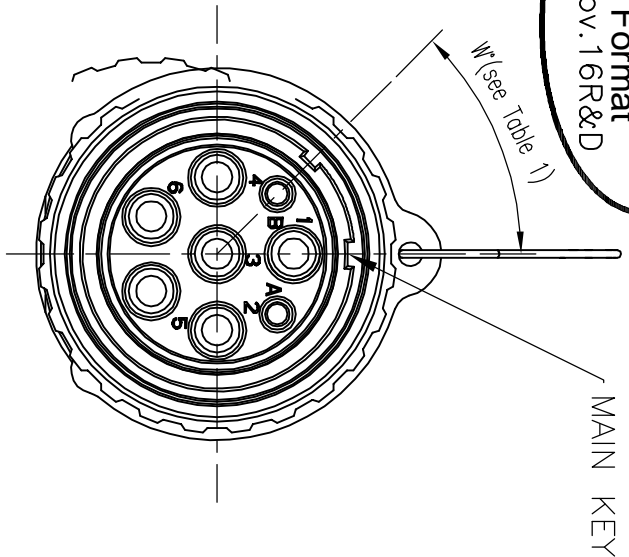
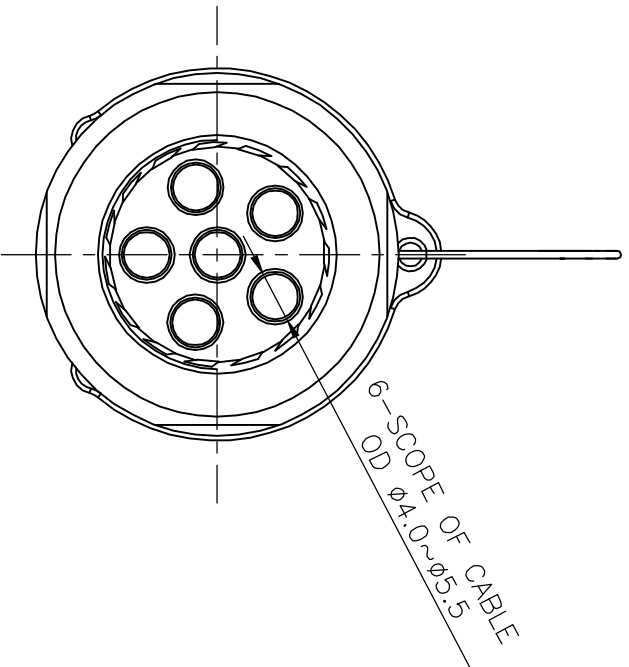
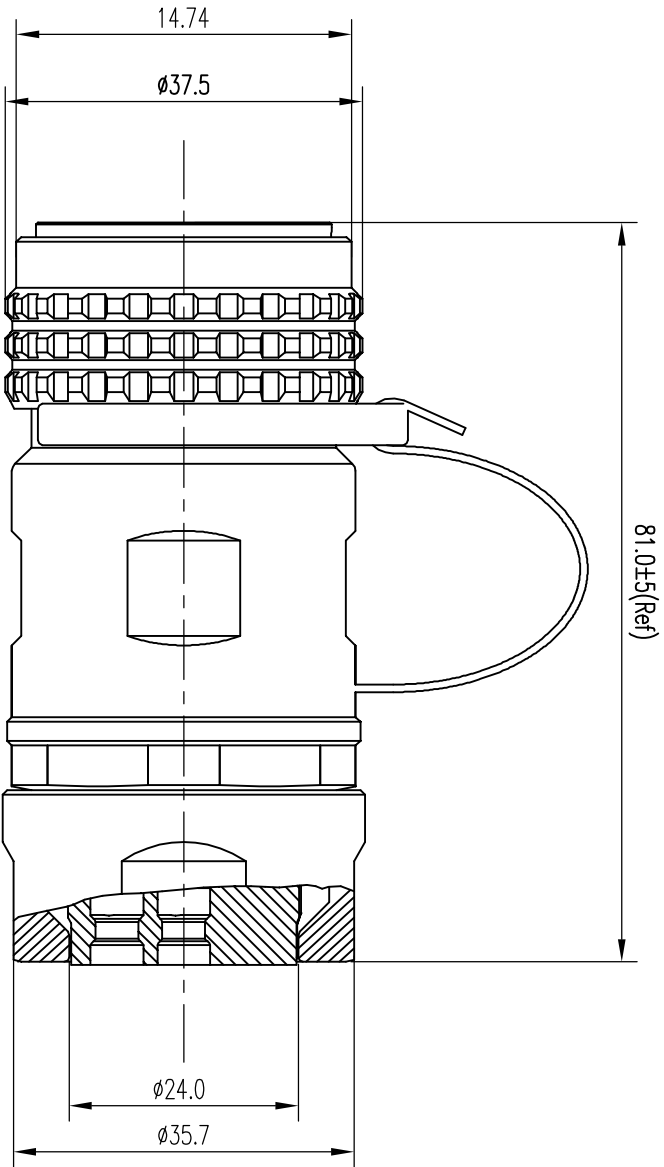




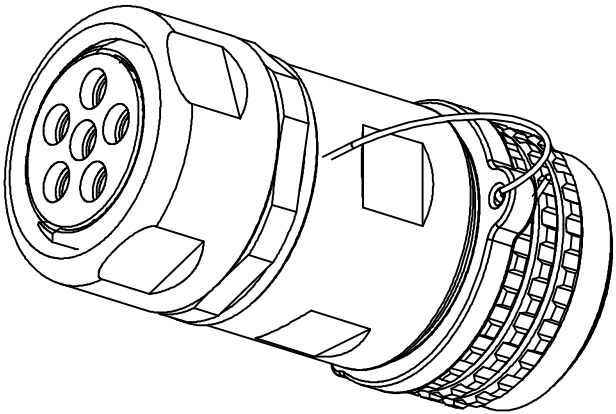
A, B HOLES FOR  $\phi 1.6$  SIGNAL PIN  
1~6 HOLES FOR  $\phi 3.0$  POWER PIN



安费诺精密连接器(深圳)有限公司  
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8. TABLE 2

| TECHNICAL DATA:                       |                         |
|---------------------------------------|-------------------------|
| CURRENT RATE 2.5MM <sup>2</sup> WIRE) | 23A@70°C                |
| CURRENT RATE 4MM <sup>2</sup> WIRE    | 32A@70°C                |
| UL RATING VOLTAGE POLLUTION DEGREE 2  | 800VDC                  |
| OPERATING TEMPERATURE                 | -40~125°C               |
| DIELECTRIC WITHSTANDING VOLTAGE       | 3000V AC                |
| INSULATION RESISTANCE                 | 2000MEGOHMS MIN. (25°C) |
| DURABILITY                            | 500 CYCLES              |
| SHIELDING                             | --                      |
| WATERPROOF                            | IP67                    |
| CORROSION-PROOF GRADE (SALT FOG TEST) | 96 HOURS                |



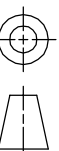
NOTES:

1. FINISHED PRODUCT DOES HAVE NOT THE PIN, NEED TO BUY SEPARATE.
2. THE BIG POWER PIN P/N FOR 4mm<sup>2</sup> CABLE: HVG30FS4, USE LEVEL: 6PCS OR 2.5mm<sup>2</sup> CABLE: HVG30FS2,USE LEVEL:6PCS
3. THE SMALL SIGNAL PIN P/N: ASRC16SC001AU, USE LEVEL: 2PCS
4. TORQUE: 10 N.m
5. THE SCOPE OF CABLE OD  $\phi 4.0\sim\phi 5.5$
6. THE PART NUMBER DESCRIPTION:  
HVG1P406FC XXX 6D X L0000

7. TABLE 1

| ANGLE CODE        |          | COLOR CODE        |        | P/N (FOR EXAMPLE)     |
|-------------------|----------|-------------------|--------|-----------------------|
| ANGLE CODE OPTION | W(ANGLE) | COLOR CODE OPTION | COLOR  |                       |
| X                 | 270°     | RD                | RED    | HVG1P406FCXRD6DXL0000 |
| Y                 | 315°     | GN                | GREEN  | HVG1P406FCYGN6DXL0000 |
| Z                 | 90°      | BL                | BLUE   | HVG1P406FCZBL6DXL0000 |
| W                 | 45°      | YL                | YELLOW | HVG1P406FCWYL6DXL0000 |
| N                 | NO KEY   | BK                | BLACK  | HVG1P406FCNBK6DXL0000 |

ANGLE CODE & COLOR CODE OPTION  
XRD: W°=270° & RED COLOR  
YGR: W°=315° & GREEN COLOR  
ZBL: W°=90° & BLUE COLOR  
WYL: W°=45° & YELLOW COLOR  
NBK: W°=0°(NO KEY) & BLACK COLOR  
CABLE CODE OPTION  
2: 2.5mm<sup>2</sup> CABLE PIN HVG30FS2  
4: 4.0mm<sup>2</sup> CABLE PIN HVG30FS4

|                                                                                                                     |  |                                               |  |                                                                                     |  |                       |  |                         |  |       |  |        |  |
|---------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------|--|-------------------------------------------------------------------------------------|--|-----------------------|--|-------------------------|--|-------|--|--------|--|
| DIMENSIONS                                                                                                          |  | TOLERANCES                                    |  | PROJECTION                                                                          |  | TITLE                 |  |                         |  |       |  |        |  |
| ORIGINAL<br>NOT FOR<br>CUSTOMER<br>DISTRIBUTION                                                                     |  | .X<br>± 0.5<br>XX      ±0.20<br>ANGLES  ±0.5° |  |  |  | Amphenol Pcd Shenzhen |  |                         |  |       |  |        |  |
|                                                                                                                     |  |                                               |  |                                                                                     |  | ENGR                  |  |                         |  |       |  |        |  |
|                                                                                                                     |  |                                               |  |                                                                                     |  | 2017.10.11            |  |                         |  |       |  |        |  |
| THIS DOCUMENT CONTAINS<br>PROPRIETARY INFORMATION WHICH<br>IS THE CONFIDENTIAL PROPERTY<br>OF AMPHENOL PCD SHENZHEN |  | CHKD                                          |  | APPD                                                                                |  | SIZE                  |  | DWG NO.                 |  | REV   |  |        |  |
|                                                                                                                     |  |                                               |  |                                                                                     |  | A3                    |  | C-HVG1P406FCXXX6DXL0000 |  | 1     |  |        |  |
|                                                                                                                     |  |                                               |  |                                                                                     |  | CODE:                 |  | SCALE                   |  | SHEET |  | 1 OF 2 |  |
|                                                                                                                     |  |                                               |  |                                                                                     |  | 5:4                   |  |                         |  |       |  |        |  |
| HVG 406 PLUG ASSEMBLY                                                                                               |  |                                               |  |                                                                                     |  |                       |  |                         |  |       |  |        |  |

| REV | ECN | DESCRIPTION | DATE       | MODIFIED |
|-----|-----|-------------|------------|----------|
| 1   |     | PRE-RELEASE | 2017.10.11 |          |

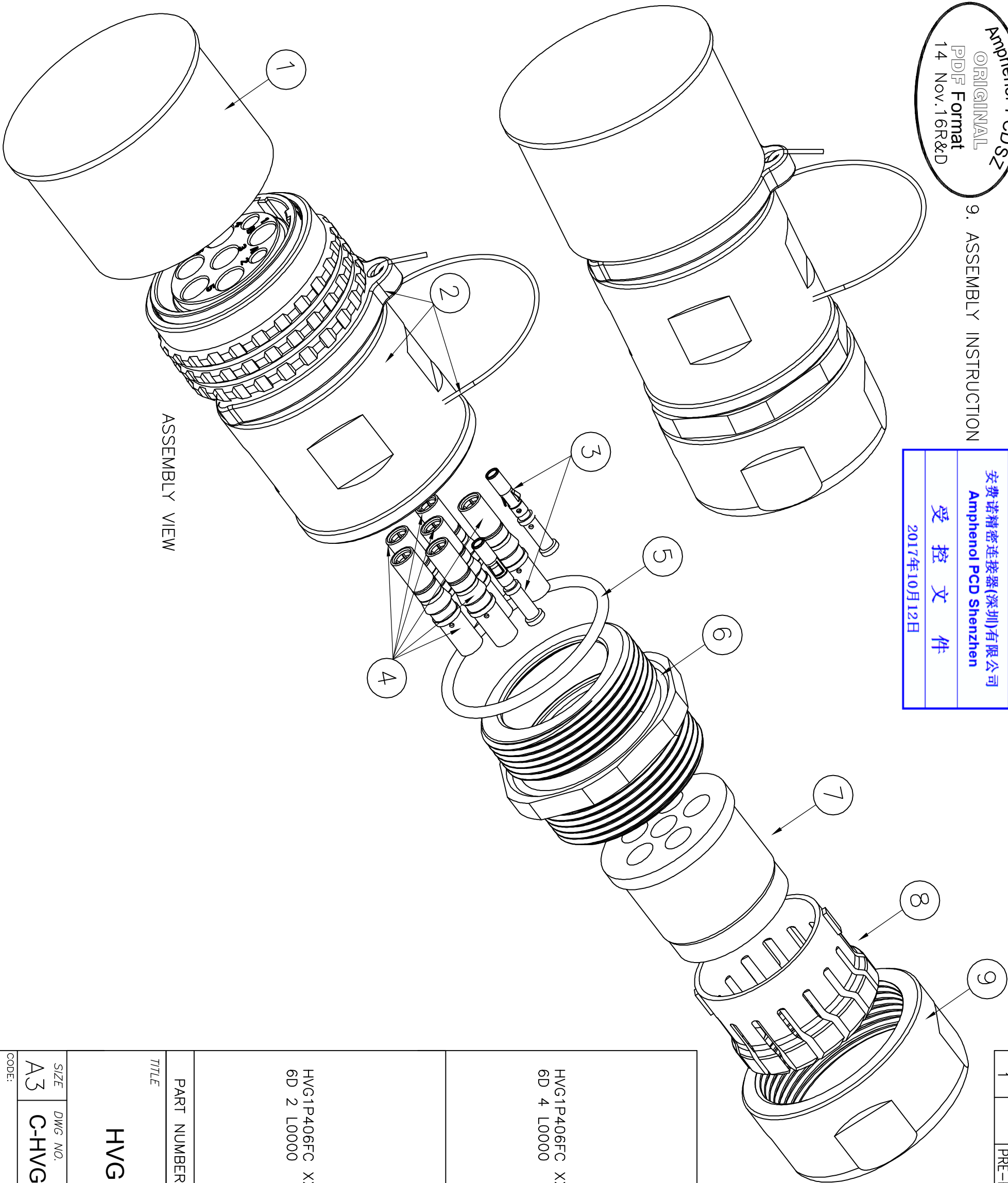
HVG 406 PLUG ASSEMBLY

9. ASSEMBLY INSTRUCTION

安费诺精密连接器(深圳)有限公司  
Amphenol PCD Shenzhen

受 控 文 件

2017年10月12日



ASSEMBLY VIEW

| REV | ECN | DESCRIPTION | DATE       | MODIFIED |
|-----|-----|-------------|------------|----------|
| 1   |     | PRE-RELEASE | 2017.10.11 | Jophy.Li |

| HVG1P406FC XXX<br>6D 4 L0000 | 9    | C4200011108   | 1        |
|------------------------------|------|---------------|----------|
|                              | 8    | C4220011108   | 1        |
|                              | 7    | C4270011101   | 1        |
|                              | 6    | C4200011107   | 1        |
|                              | 5    | C4270011102   | 1        |
|                              | 4    | HVG30FS4      | 6        |
|                              | 3    | ASRC16SC001AU | 2        |
|                              | 2    | MAIN BODY     | 1        |
|                              | 1    | C4220005987   | 1        |
| HVG1P406FC XXX<br>6D 2 L0000 | 9    | C4200011108   | 1        |
|                              | 8    | C4220011108   | 1        |
|                              | 7    | C4270011101   | 1        |
|                              | 6    | C4200011107   | 1        |
|                              | 5    | C4270011102   | 1        |
|                              | 4    | HVG30FS4      | 6        |
|                              | 3    | ASRC16SC001AU | 2        |
|                              | 2    | MAIN BODY     | 1        |
|                              | 1    | C4220005987   | 1        |
| PART NUMBER                  | ITEM | COMPONENT P/N | QUANTITY |

TITLE

HVG 406 PLUG ASSEMBLY

| SIZE  | DWG NO.                 | REV          |
|-------|-------------------------|--------------|
| A3    | C-HVG1P406FCXXX6DXL0000 | 1            |
| CODE: | SCALE 5:4               | SHEET 2 OF 2 |