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| REVISIONS |     |                                 |           |     |      |
|-----------|-----|---------------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION                     | DATE      | DWN | APVD |
|           | B   | ECR-16-010100,UPDATE NAME       | 14JUL2016 | L.Z | X.X  |
|           | C   | ECR-19-009136                   | 11JUL2019 | C.D | C.W  |
|           | C1  | ECR-20-012729 UPDATE PIN LAYOUT | 02NOV2020 | S.C | C.W  |
|           | D   | ECR-25-235343                   | 2SEP2025  | G.W | C.W  |

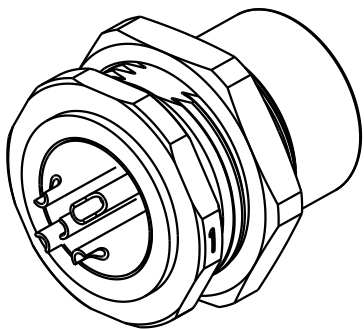
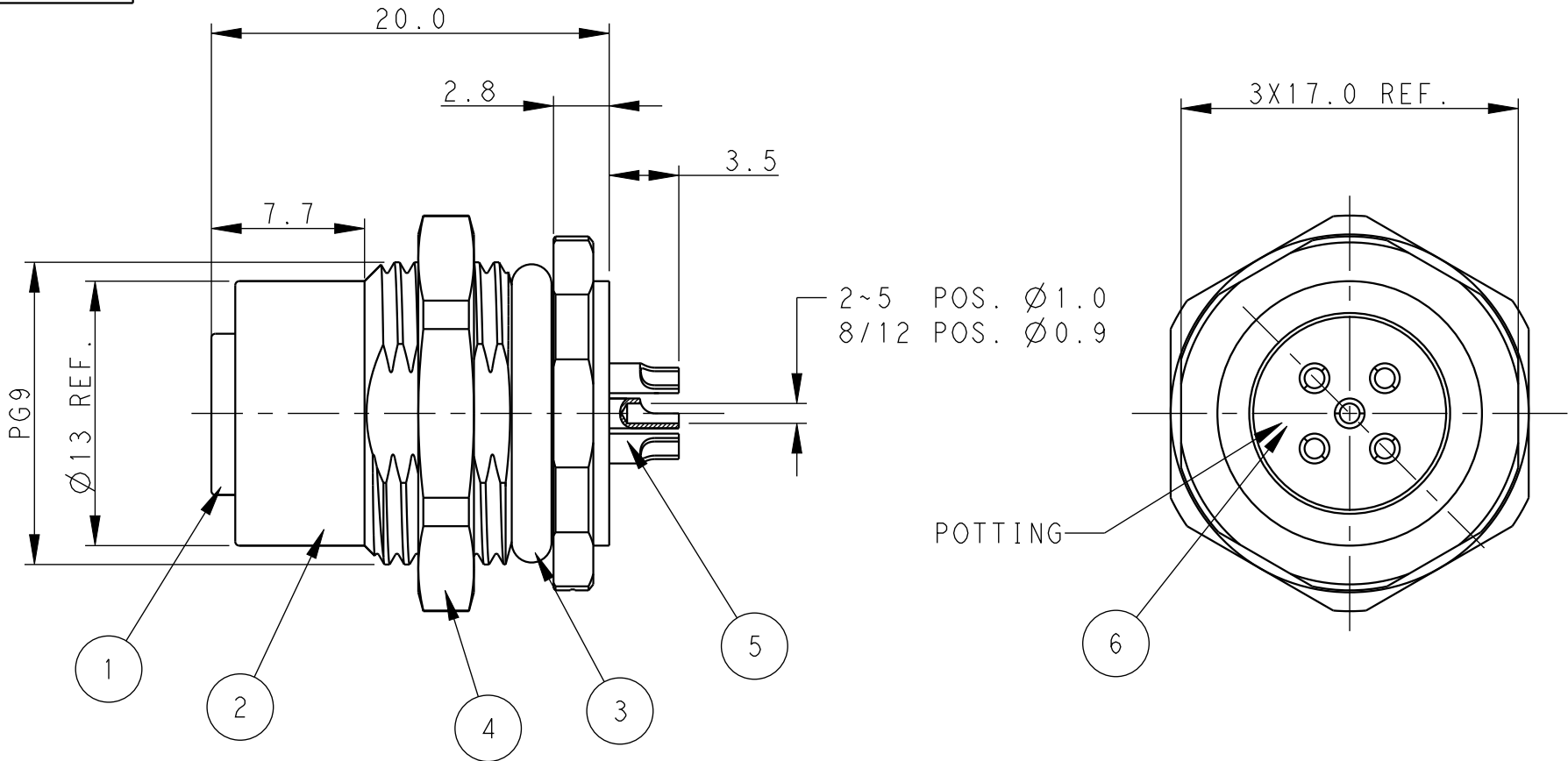
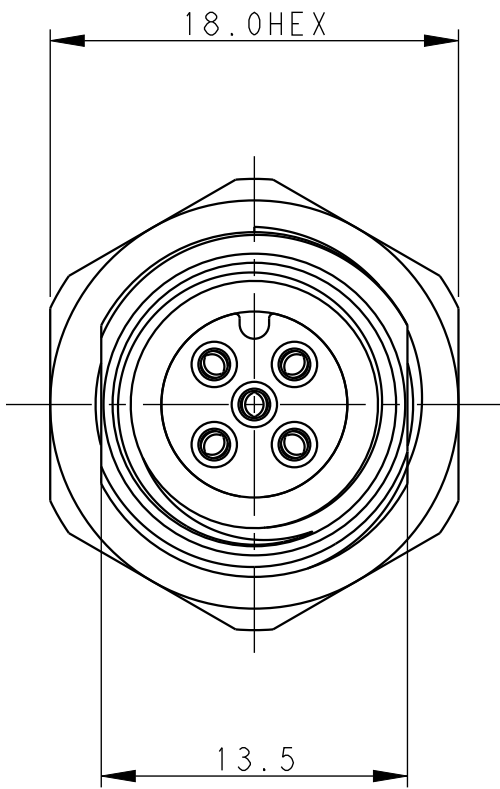


TABLE 1

| TECHNICAL DATA        | T4131012021-000 | T4131012031-000 | T4131012041-000 | T4131012051-000 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|
| RATED VOLTAGE         | 250V            | 250V            | 250V            | 60V             |
| RATED CURRENT         | 4A              | 4A              | 4A              | 4A              |
| POLLUTION DEGREE      | 3               | 3               | 3               | 3               |
| OVERVOLTAGE CATEGORY  | II              | II              | II              | II              |
| CONTACT RESISTANCE    | <=10mΩ          | <=10mΩ          | <=10mΩ          | <=10mΩ          |
| INSULATION RESISTANCE | >100MΩ          | >100MΩ          | >100MΩ          | >100MΩ          |
| DEGREE OF PROTECTION  | IP67            | IP67            | IP67            | IP67            |
| OPERATION TEMPEATURE  | -40~85°C        | -40~85°C        | -40~85°C        | -40~85°C        |

NOTE:  
1. TECHNICAL DATA: SEE TABLE 1  
2. RECOMMENDED MOUNT PANEL SEE DETAIL  
3. PACKAGING:1 PIECE IN A BAG  
4. ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STATED

注释：：  
1. 技术参数，见表1  
2. 推荐开孔尺寸详见如图所示  
3. 包装：1PCS/袋  
4. 所有尺寸仅供参考，除非另有说明

T41310120X1-000

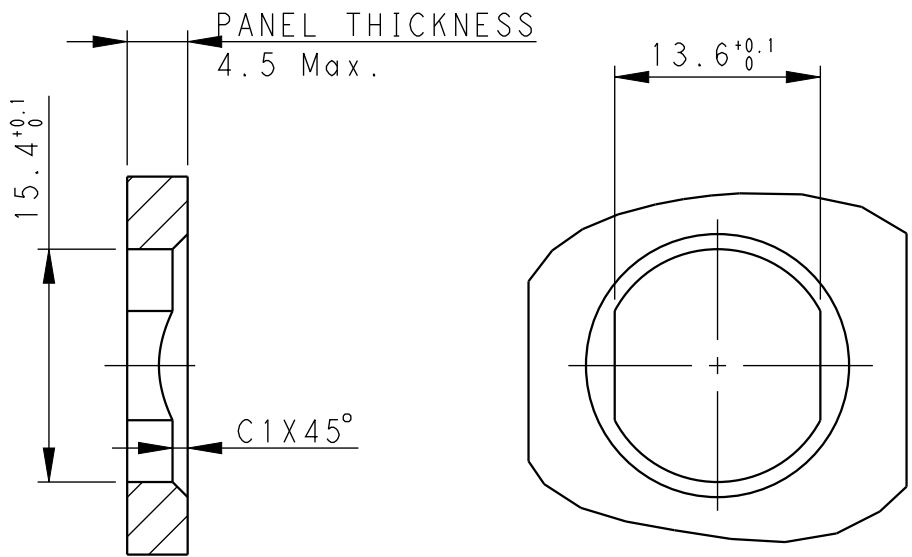
CONTACT FINISH:  
1: GOLD 3u"  
NUMBER OF PINS:  
02: 2 PINS  
03: 3 PINS  
04: 4 PINS  
05: 5 PINS

T41310120X1-000

端子电镀：  
1: 3u"金  
针数：  
02: 2 针  
03: 3 针  
04: 4 针  
05: 5 针

PIN ARRANGEMENT  
A-CODE

| T4131012021-000 | T4131012031-000 | T4131012041-000 |
|-----------------|-----------------|-----------------|
|                 |                 |                 |
| T4131012051-000 |                 |                 |
|                 |                 |                 |



HOUSING CUTOUT FOR PG9 FASTENING THREAD,MOUNTING PANEL WITH FEEDTHROUGH HOULE (ALTERNATIVELY WITH AREA AS ANTI-ROTATION PROTECTION FOR PANEL THICKNESSES>2.5MM UP TO MAX. 4.5MM)

RECOMMENDED PANEL CUTOUT

|                 |                         |
|-----------------|-------------------------|
| T4131012021-000 | RPC-M12-FF-2CON-PG9-LAU |
| T4131012031-000 | RPC-M12-FF-3CON-PG9-LAU |
| T4131012041-000 | RPC-M12-FF-4CON-PG9-LAU |
| T4131012051-000 | RPC-M12-FF-5CON-PG9-LAU |

| TE PN         |             | TYPE                |   |
|---------------|-------------|---------------------|---|
| -             | EPOXY RESIN | POTTING ADHESIVE    | 6 |
| GOLD PLATED   | BRONZE      | CONTACT             | 5 |
| NICKEL PLATED | BRASS       | METAL NUT           | 4 |
| BLACK         | RUBBER      | O-RING              | 3 |
| NICKEL PLATED | ZAMAK       | M12,MALE,METAL BODY | 2 |
| -             | PA66        | M12,MALE HSG        | 1 |

|                                        |  |                             |                                                                             |  |
|----------------------------------------|--|-----------------------------|-----------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN BO GAO 04FEB2016        |                                                                             |  |
|                                        |  | CHK KOBBY ZHAO              |                                                                             |  |
| DIMENSIONS:                            |  | APVD XIANG XU               | NAME M12 PANEL MOUNT CONNECTOR A CODE, FEMALE, REAR MOUNTING WIRE SOLDERING |  |
| mm                                     |  | PRODUCT SPEC 108-106140     |                                                                             |  |
|                                        |  | APPLICATION SPEC 114-137144 | SIZE A2                                                                     |  |
| MATERIAL                               |  | WEIGHT                      | CAGE CODE                                                                   |  |
|                                        |  |                             | DRAWING NO                                                                  |  |
|                                        |  | CUSTOMER DRAWING            | RESTRICTED TO                                                               |  |