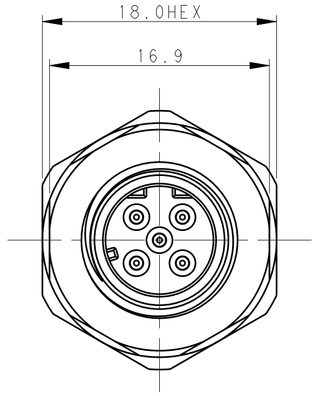
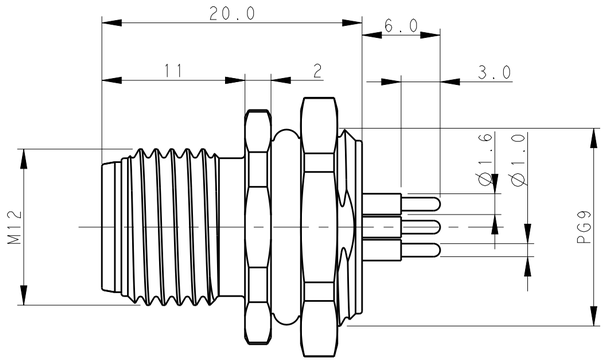
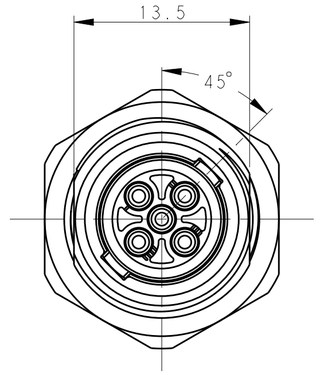
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REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | B | ECR-16-010100 | 14JUL2016 | L.Z | X.X |
| | B1 | ECR-18-008476 | 08JUN2018 | G.W | C.W |
| | C | ECR-19-009136 | 27JUL2019 | C.D | C.W |
| | | | | | |



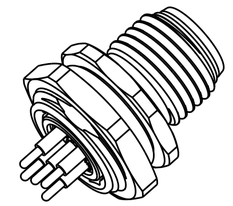
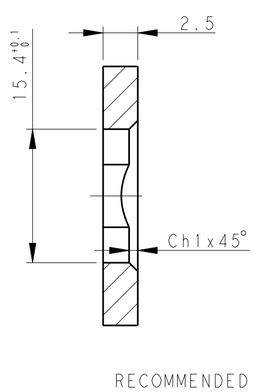
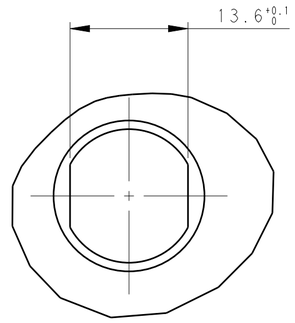



TABLE 1

| TECHNICAL DATA | T41425120X1-000 | T41425120X1-000 | T41425120X1-000 | T41425120X1-000 |
|---|---|---|---|---|
| RATED VOLTAGE | 250V | 250V | 250V | 60V |
| RATED CURRENT | 4A | 4A | 4A | 4A |
| POLLUTION DEGREE | 3 | 3 | 3 | 3 |
| OVERVOLTAGE CATEGORY | II | II | II | II |
| MATERIAL GROUP | II | II | II | II |
| CONTACT RESISTANCE | <=10mΩ | <=10mΩ | <=10mΩ | <=10mΩ |
| INSULATION RESISTANCE | >100MΩ | >100MΩ | >100MΩ | >100MΩ |
| DEGREE OF PROTECTION | IP67 | IP67 | IP67 | IP67 |
| OPERATION TEMPERATURE | -40~85°C | -40~85°C | -40~85°C | -40~85°C |




RECOMMENDED PANEL CUTOUT

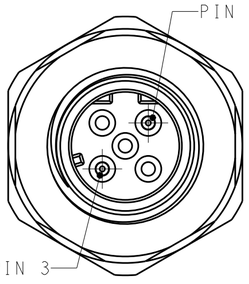
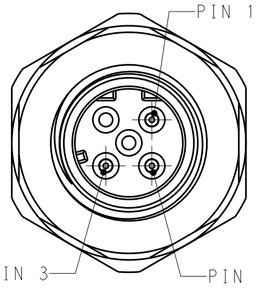
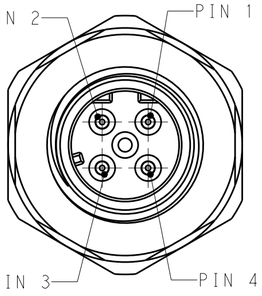
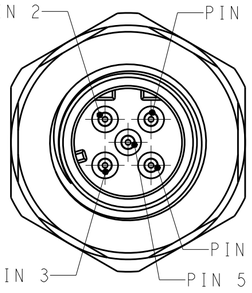
NOTE:
1. TECHNICAL DATA: SEE TABLE 1
2. RECOMMENDED MOUNT PANEL SEE DETAIL
3. PRODUCT COMPLIES WITH IEC61076-2-101
4. ALL MATERIALS TO BE ROHS COMPLIANT
5. ALL MATERIALS TO BE REACH COMPLIANT
6. PN INFORMATION FOR ASSEMBLY PARTS

T41425120X1-000
- CONTACT FINISH:
  - 1: GOLD 3u´´
- NUMBER OF PINS:
  - 02: 2 PINS
  - 03: 3 PINS
  - 04: 4 PINS
  - 05: 5 PINS

注释：
1：技术参数，见表1
2：推荐开孔尺寸详见如图所示
3：产品符合标准IEC61076-2-101
4：所有材料符合ROHS参照标准TEC-138-705
5：所有材料符合REACH参照标准TEC-138-705
6：成品料号信息如下：

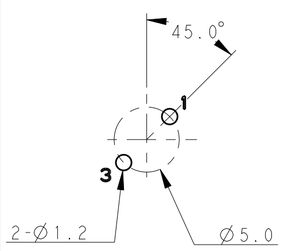
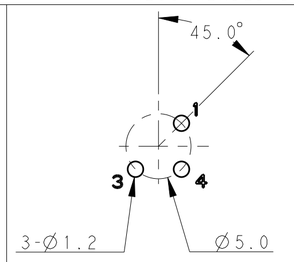
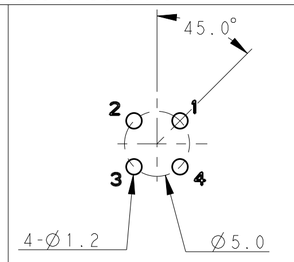
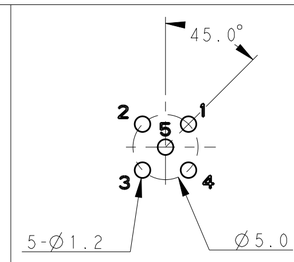
T41425120X1-000
- 端子电镀：
  - 1：3u´´金
- 针数：
  - 02：2 针
  - 03：3 针
  - 04：4 针
  - 05：5 针

PIN ARRANGEMENT
D-CODE

| T41425120X1-000 | T41425120X1-000 | T41425120X1-000 | T41425120X1-000 |
|---|---|---|---|
|  |  |  |  |



RECOMMENDED DRILLING DIAGRAM

| | | | |
|---|---|---|---|
|  |  |  |  |
| 2-Ø1.2 Ø5.0 | 3-Ø1.2 Ø5.0 | 4-Ø1.2 Ø5.0 | 5-Ø1.2 Ø5.0 |



| PART NUMBER | TYPE |
|---|---|
| T4142512021-000 | RPC-M12D-MB-2CON-PG9-LBU |
| T4142512031-000 | RPC-M12D-MB-3CON-PG9-LBU |
| T4142512041-000 | RPC-M12D-MB-4CON-PG9-LBU |
| T4142512051-000 | RPC-M12D-MB-5CON-PG9-LBU |

| PLATING | MATERIAL | DESCRIPTION | ITEM | T4142512021-000 | T4142512031-000 | T4142512041-000 | T4142512051-000 |
|---|---|---|---|---|---|---|---|
| 3u´´ GOLD PLATED | COPPER ALLOY | CONTACT | 5 | 2 | 3 | 4 | 5 |
| 80u´´NICKEL PLATED | COPPER ALLOY | METAL NUT | 4 | 1 | 1 | 1 | 1 |
| BLACK | RUBBER | O-RING | 3 | 1 | 1 | 1 | 1 |
| 80u´´NICKEL PLATED | COPPER ALLOY | M12,MALE,METAL BODY | 2 | 1 | 1 | 1 | 1 |
| - | PA66 | M12,MALE HSG | 1 | 1 | 1 | 1 | 1 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.2
2 PLC ±0.2
3 PLC ±0.2
4 PLC ±-
ANGLES ±-

MATERIAL -
FINISH -

DWN BO GAO 02FEB2016
CHK KOBBY ZHAO -
APVD XIANG XU -
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144
WEIGHT -

TE Connectivity

NAME M12 PANEL MOUNT CONNECTOR
D CODE, MALE, FRONT MOUNTING
PCB SOLDERING

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A2 | - | C-T41425120X1000 | - |

CUSTOMER DRAWING | SCALE 3:1 | SHEET 1 OF 1 | REV C