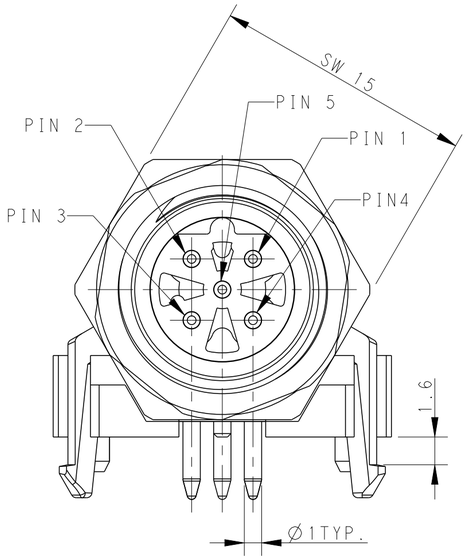
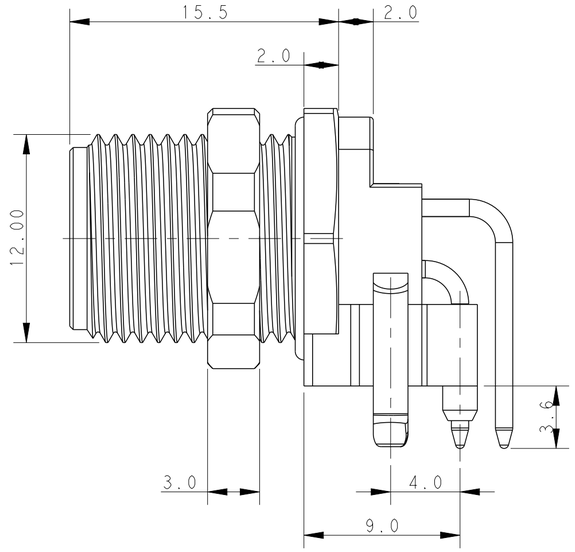
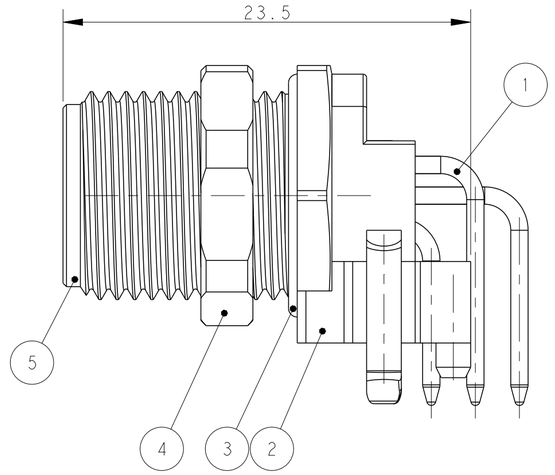
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | A | INITIAL RELEASE | 05JUL2016 | NP | XX |
| | A1 | ECR-19-006232 | 18APR2019 | BP | CW |
| | A2 | ECR-23-166183 | 25FEB2023 | BP | CW |
| | | | | | |

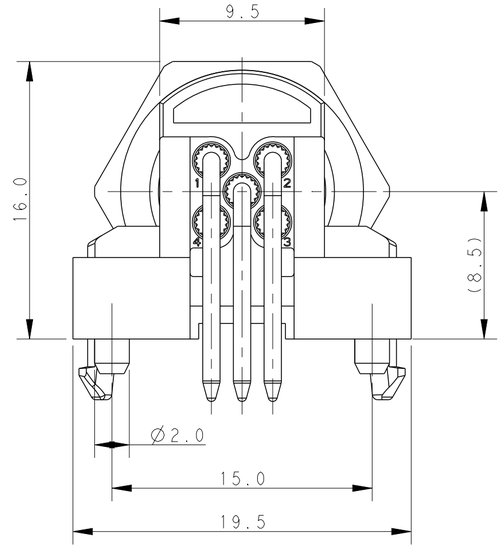



VIEW A
2-4POS.



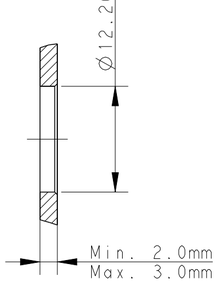

VIEW A
5POS.



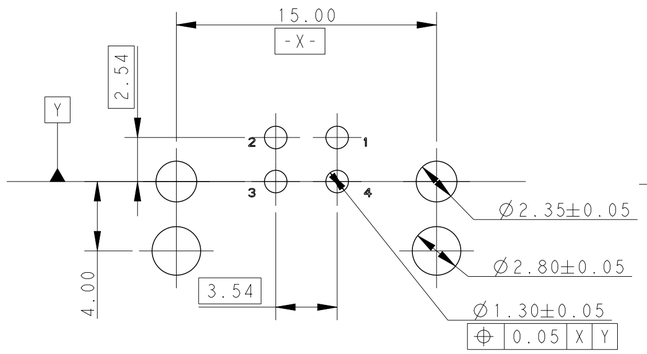

| | | | |
|---|---|---|---|
| - | COPPER ALLOY | NUT | 5 |
| - | COPPER ALLOY | COUPLING NUT | 4 |
| | RUBBER | O-RING | 3 |
| BALCK COLOR | PA66 | HOUSING | 2 |
| GOLD FLASH | COPPER ALLOY | CONTACT | 1 |
| COMMENTS | MATERIAL | DESCRIPITON | ITEM |

TABLE 1

| TECHNICAL DATA | T4144415021-000 | T4144415031-000 | T4144415041-000 | T4144415051-000 |
|---|---|---|---|---|
| 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 |
| DEGREE OF PROTECTION | IP67 | IP67 | IP67 | IP67 |
| OPERATION TEMPERATURE | -40~85°C | -40~85°C | -40~85°C | -40~85°C |

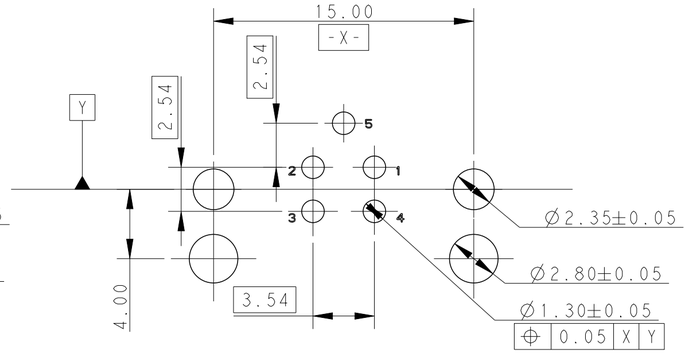



RECOMMENDED PANEL SIZE




RECOMMEND PCB LAYOUT FOR 2-4POS.

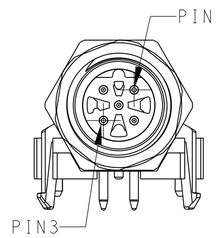
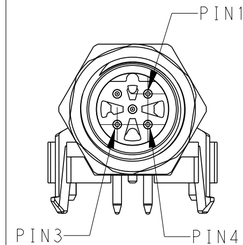
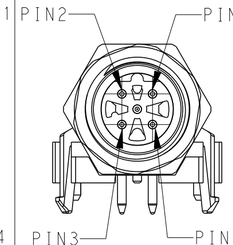
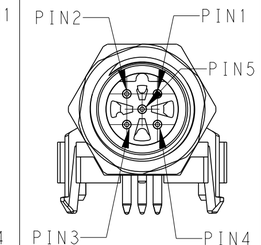
PCB THICKNESS:1.6mm



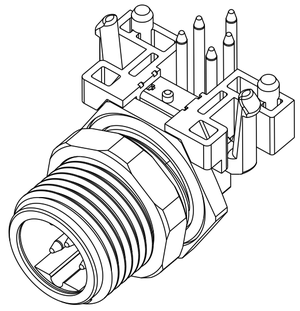

RECOMMEND PCB LAYOUT FOR 5POS.

PCB THICKNESS:1.6mm

TABLE 2

| PIN ARRANGEMENT B-CODE | | | |
|---|---|---|---|
| T4144415021-000 | T4144415031-000 | T4144415041-000 | T4144415051-000 |
|  |  |  |  |





NOTES:

1. TECHNICAL DATA: SEE TABLE 1
2. PIN ARRANGEMENT: SEE TABLE 2
3. RECOMMENDED PANEL CUTOUT AND PCB LAYOUT SEE DETAIL
4. ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STATED

| TYPE | POS. | PART NUMBER |
|---|---|---|
| RPC-M12B-MR-5CON-M12-LPU | 5 | T4144415051-000 |
| RPC-M12B-MR-4CON-M12-LPU | 4 | T4144415041-000 |
| RPC-M12B-MR-3CON-M12-LPU | 3 | T4144415031-000 |
| RPC-M12B-MR-2CON-M12-LPU | 2 | T4144415021-000 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.15
3 PLC ±
4 PLC ±
ANGLES ±-

MATERIAL: TBD material_2
FINISH: - finish_spec_2

DWN 12MAY2016 Nick Pan
CHK 12MAY2016 Kobby Zhao
APVD 12MAY2016 Xiang Xu
PRODUCT SPEC 108-106140
APPLICATION SPEC 114-137144-1
WEIGHT -

TE Connectivity

NAME: M12 RIGHT ANGLE PCB ASSEMBLY CONNECTOR, UNSHIELDED, B-CODE
-

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A2 | - | C-T41444150X1000 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV A2

1471-9 (3/13)