THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2014
VERTRAULICHE UNVEROEFFENTLICHTE ZEICHNUNG FREI FUER VEROEFFENTLICHUNG
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MATED WITH: PASSEND ZU:

PROJEKT NR.: PRJ-11-0000004377

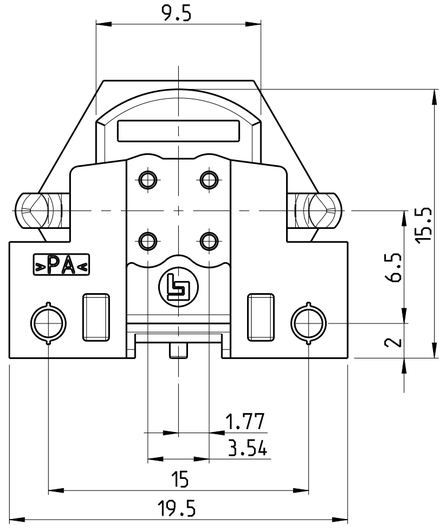
REVISIONS / AENDERUNGEN

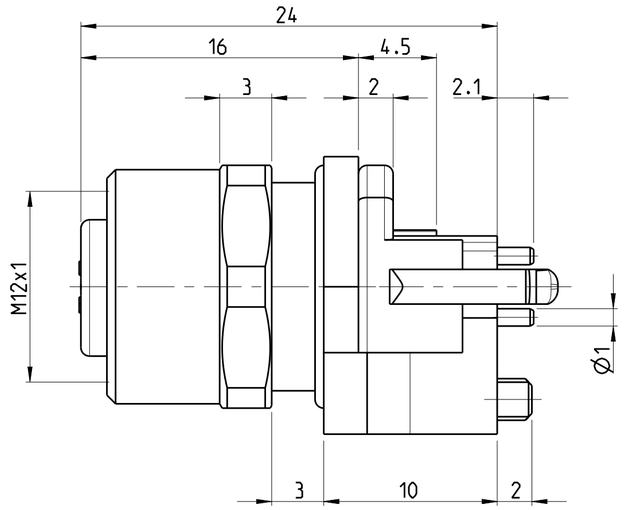
| P | LTR | DESCRIPTION / BESCHREIBUNG | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | NEW RELEASE | 28NOV2014 | CR | JK |

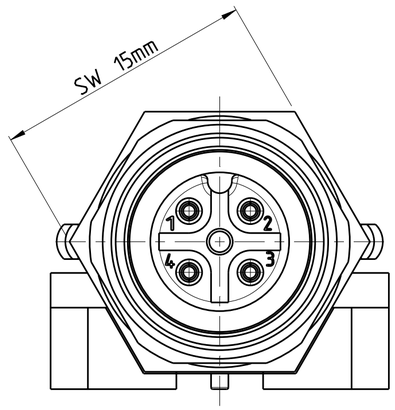
1 MATERIAL: ITEM NO. 1: HOUSING - CuZn (BRASS, NICKEL PLATED)
ITEM NO. 2: CONTACT BODY - PA
ITEM NO. 3: CONTACT - CuSn (BRONZE)
CONTACT FINISH - Au (GOLD)

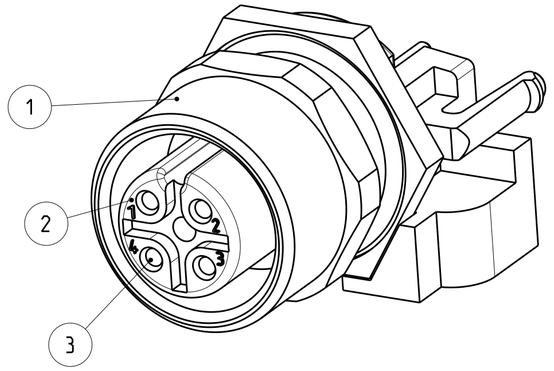
2 ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY UNLESS OTHERWISE STATED

| TECHNICAL DATA | 3-2172078-2 | 4-2172078-2 | 5-2172078-2 |
|---|---|---|---|
| RATED VOLTAGE | 250V | 125V | 60V |
| RATED IMPULSE VOLTAGE | 2500V | 1500V | 800V |
| POLLUTION DEGREE | 3 | 3 | 3 |
| OVERVOLTAGE CATEGORY | II | II | II |
| MATERIAL GROUP | III | III | III |
| RATED CURRENT | 4A | 4A | 2A |
| VOLUME RESISTIVITY | ≤ 3mΩ | ≤ 3mΩ | ≤ 3mΩ |
| DEGREE OF PROTECTION | IP68 | IP68 | IP68 |
| UPPER TEMPERATURE | +85 °C | +85 °C | +85 °C |
| LOWER TEMPERATURE | -40 °C | +40 °C | +40 °C |

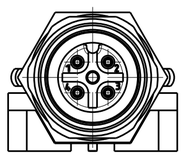
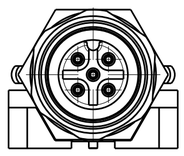
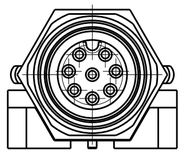


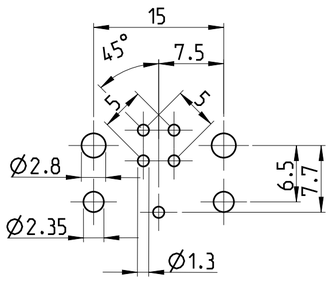
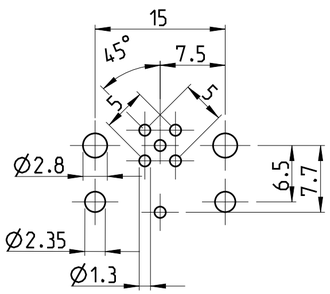
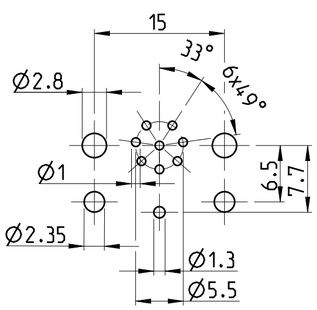




## PIN ARRANGEMENT
A-CODING (SCALE 2:1)

| 3-2172078-2 | 4-2172078-2 | 5-2172078-2 |
|---|---|---|
|  |  |  |

## CONDUCTOR LAYOUT

| | | |
|---|---|---|
|  |  |  |







| | | |
|---|---|---|
| 1 | 8 | 5-2172078-2 |
| 1 | 5 | 4-2172078-2 |
| 1 | 4 | 3-2172078-2 |
| MATERIAL | NUMBER OF POLES | TE-PART-NO. |

**SIZE ISO 14405** (E)

DIESE ZEICHNUNG IST EIN KONTROLLIERTES DOKUMENT.
BEMASSUNGEN UND TOLERANZEN GEMAESS GPS (ISO STANDARDS).
THIS DRAWING IS A CONTROLLED DOCUMENT.
DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).

DIMENSIONS: MASSEINHEITEN: mm
TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLGEMEINTOLERANZEN
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES/WINKEL ±
MATERIAL -
FINISH/OBERFLAECHE/FARBE -

DWN YASHKUMAR 09AUG2014
CHK M. BRUBAKER 09AUG2014
APVD M. BRUBAKER 09AUG2014
PRODUCT SPEC PRODUKTSPEZ. 108-19483
APPLICATION SPEC VERARBEITUNGSSPEZ. 114-32127
WEIGHT GEWICHT -

TE Connectivity

NAME: M12 RECEPTACLE, PCB ASSEMBLY, STRAIGHT, SHIELDED CONNECTOR, A-CODED

| SIZE | CAGE CODE | DRAWING NO ZEICHNUNGS-NR. | RESTRICTED TO NUR FUER |
|---|---|---|---|
| A2 | 00779 | C-2172078 | - |

Customer Drawing /KUNDENZEICHNUNG | SCALE MASSSTAB 2:1 | SHEET BLATT 1 OF VON 1 | REV A

1471-9 (3/13)