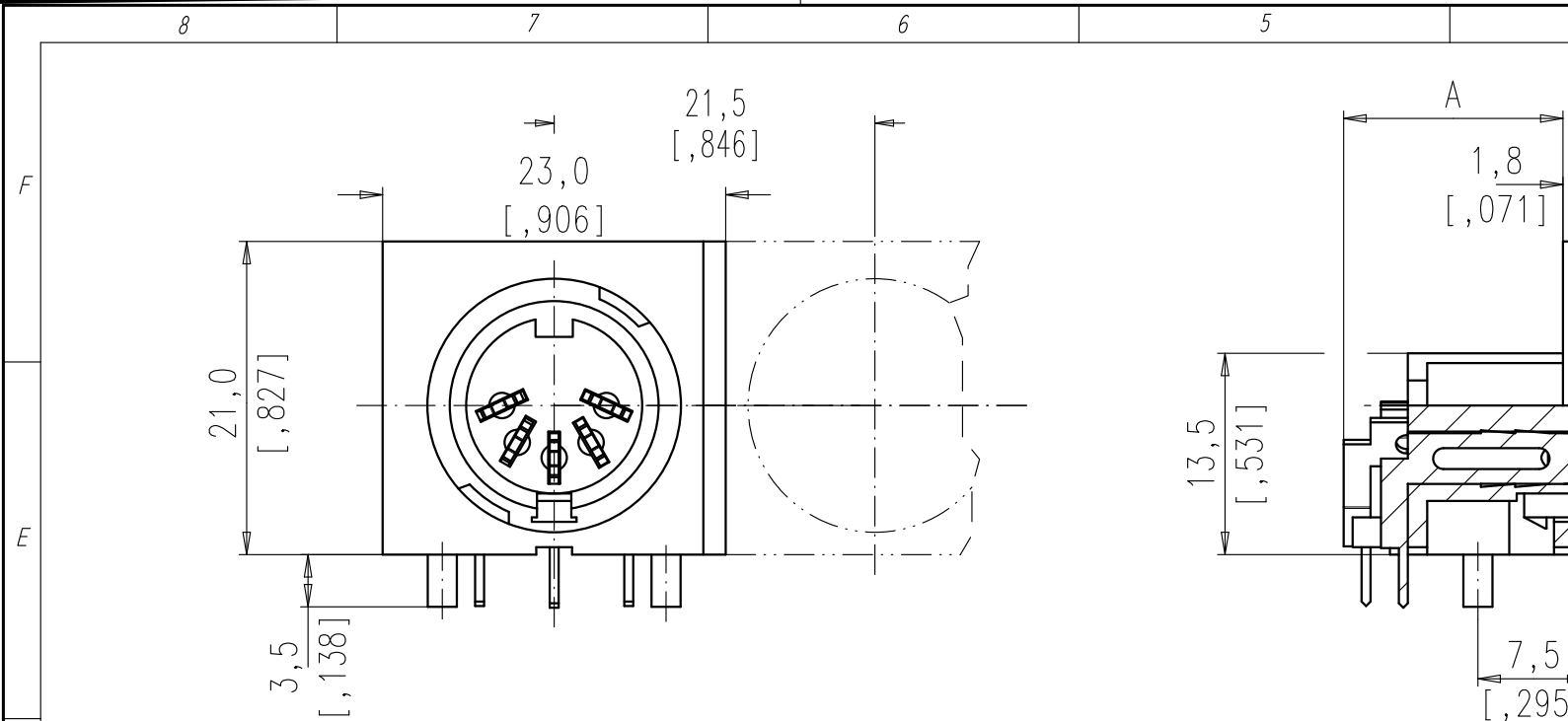


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A 3pol = 14,0 [0.551]  
5pol = 15,9 [0.626]  
6pol = 18,0 [0.709]

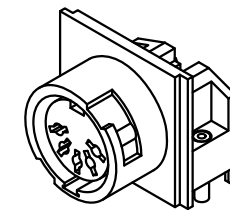
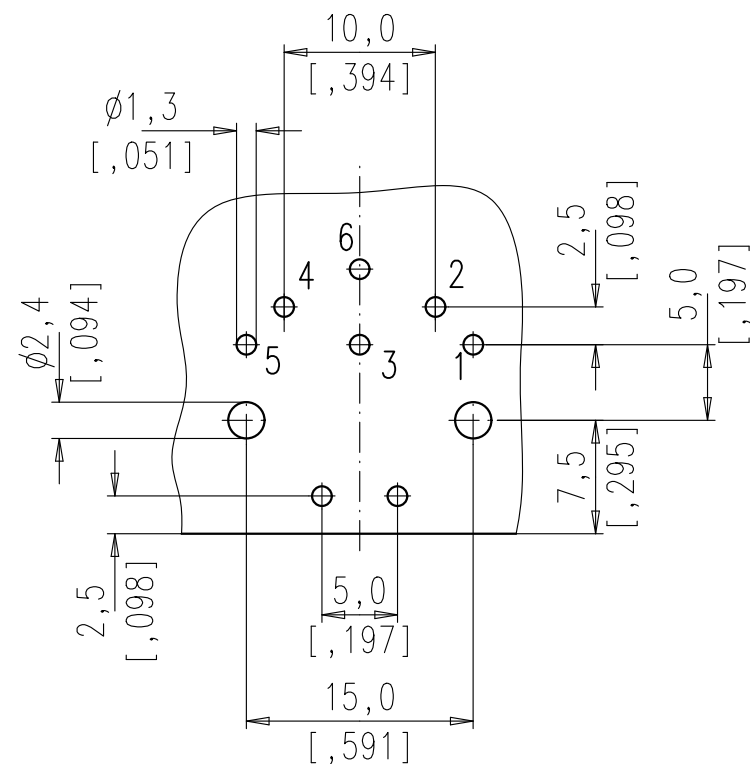
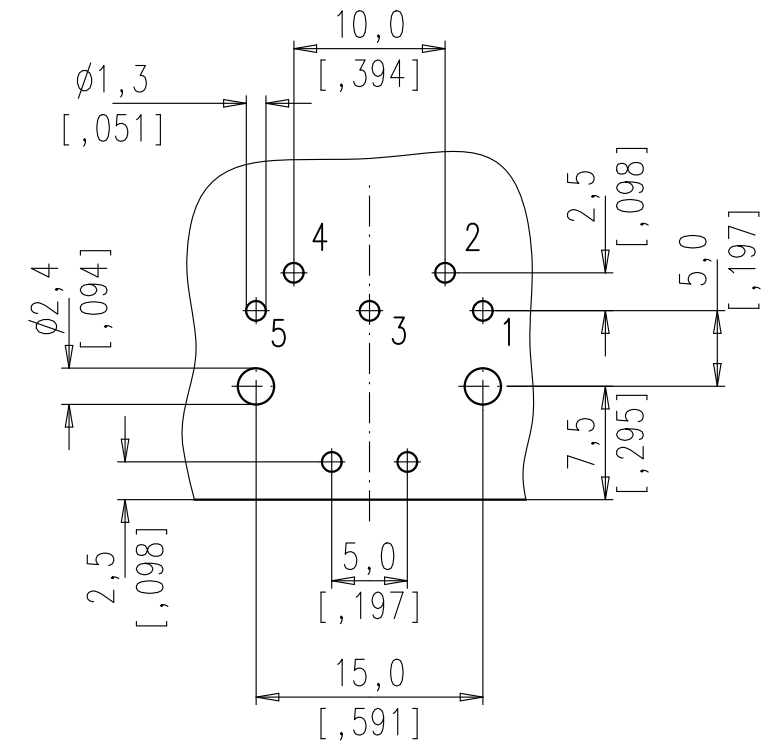
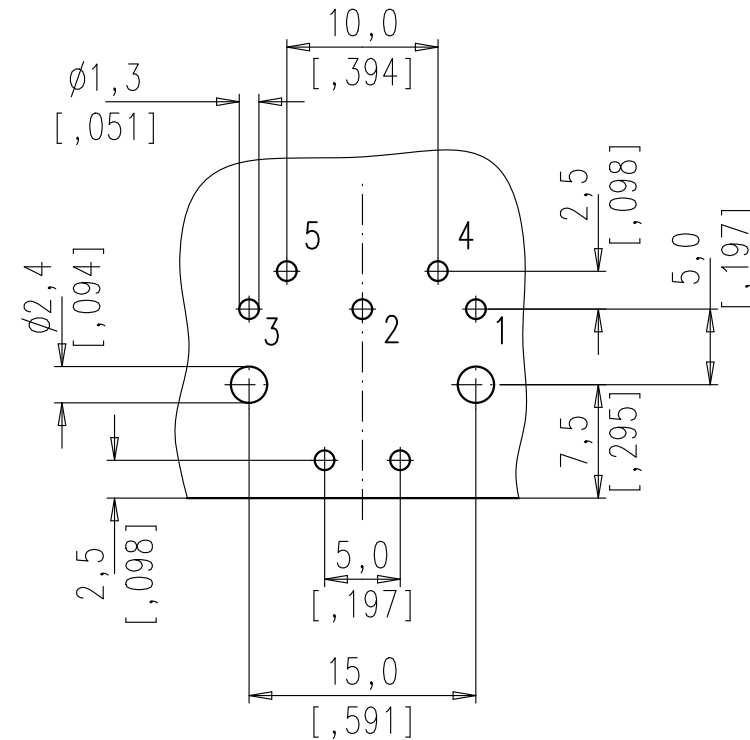
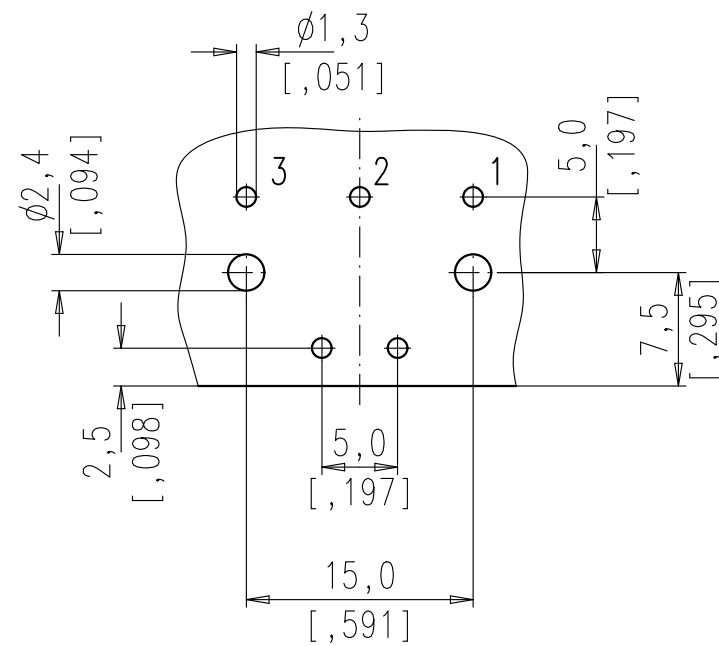
|   | Polzahl<br>number of contacts                                                                                                | Norm<br>standard                    | 3                                                                                                                                        | 4             | 5             | 5                | 6                | 7             | 7                | 8                | 12            | 14                             |  |
|---|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|------------------|------------------|---------------|------------------|------------------|---------------|--------------------------------|--|
| D | Kontaktanordnung nach DIN<br>contact arrangement acc. to DIN<br>Kontaktanordnung nach IEC<br>contact arrangement acc. to IEC |                                     | 41524<br>60130-9                                                                                                                         | -<br>60130-9  | -<br>-        | 41524<br>60130-9 | 45322<br>60130-9 | -<br>-        | 45329<br>60130-9 | 45326<br>60130-9 | -<br>-        | -<br>-                         |  |
|   | Bemessungsspannung<br>rated voltage                                                                                          | IEC 60664-1                         | 300V =                                                                                                                                   |               |               | 100V =           | 300V =           |               | 100V =           |                  | 150V =        |                                |  |
|   | Bemessungsspannung<br>rated voltage                                                                                          | UL 1977                             | 250V                                                                                                                                     |               |               |                  |                  |               |                  |                  | 60V           |                                |  |
| C | Bemessungs-Stoßspannung<br>rated impulse withstand voltage                                                                   | IEC 60664-1                         | 1500V                                                                                                                                    |               |               | 1200V            | 1500V            |               | 1200V            |                  |               |                                |  |
|   | Verschmutzungsgrad<br>pollution degree                                                                                       | IEC 60664-1                         | 1                                                                                                                                        |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Überspannungskategorie<br>installation category                                                                              | IEC 60664-1                         | I                                                                                                                                        |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Isolierstoffgruppe<br>insulation group                                                                                       | IEC 60664-1                         | II, 400 ≤ CTI < 600                                                                                                                      |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Strombelastbarkeit<br>current rating                                                                                         | IEC 60512-5-2<br>Test 5b<br>UL 1977 | 5A / +40°C / +104°F                                                                                                                      |               |               |                  |                  |               |                  |                  |               | 3A / +40°C / +104°F            |  |
| B | Isolationswiderstand<br>insulation resistance                                                                                | IEC 60512-3-1<br>Test 3a            | >10 <sup>10</sup> Ω                                                                                                                      |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Durchgangswiderstand<br>contact resistance                                                                                   | IEC 60512-2-1<br>Test 2a            | < 5m Ω                                                                                                                                   |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Prüfklasse<br>climatic category                                                                                              | IEC 60068-1                         | 40 / 100 / 56                                                                                                                            |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Temperaturbereich<br>temperatur range                                                                                        | IEC 60068-1                         | -40°C ... +100°C<br>-40°F ... +212°F                                                                                                     |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | IP-Schutzart<br>IP-degree                                                                                                    | IEC 60529                           | IP 40                                                                                                                                    |               |               |                  |                  |               |                  |                  |               |                                |  |
| A | Steck- und Ziehkraft<br>Insertion and withdrawal forces                                                                      | IEC 60512-13-2<br>Test 13b          | 25N<br>90.oz                                                                                                                             | 30N<br>110.oz | 35N<br>125.oz |                  | 50N<br>180.oz    | 55N<br>200.oz |                  | 60N<br>220.oz    | 50N<br>180.oz |                                |  |
|   | Mechanische Lebensdauer<br>mechanical operation                                                                              | IEC 60512-9-1<br>Test 9a            | silber/silver ≥ 500 Steckzyklen/mating cycles                                                                                            |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Werkstoff Gehäuse<br>housing material                                                                                        |                                     | Überwurfmutter Messing, Zugentlastung Zink-Druckgu? Oberfläche vernickelt<br>coupling ring brass, strain relief, die cast, nickel plated |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Werkstoff Kontaktträger<br>dielectric material                                                                               |                                     | Thermoplast<br>thermoplastic                                                                                                             |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Kontaktoberfläche<br>contact plating                                                                                         |                                     | silver plated                                                                                                                            |               |               |                  |                  |               |                  |                  |               |                                |  |
| A | Anschlussstechnik<br>termination technique                                                                                   |                                     | löten<br>solder                                                                                                                          |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Anschlussquerschnitt<br>wire gauge                                                                                           |                                     | löten/solder ≤ 0,5 mm <sup>2</sup> / 20AWG                                                                                               |               |               |                  |                  |               |                  |                  |               | ≤0,25 mm <sup>2</sup> / 24 AWG |  |
|   | Brennbarkeit<br>flammability                                                                                                 |                                     | UL 94 V0                                                                                                                                 |               |               |                  |                  |               |                  |                  |               |                                |  |
|   | Verriegelung<br>locking system                                                                                               |                                     | Bajonett<br>bayonet                                                                                                                      |               |               |                  |                  |               |                  |                  |               |                                |  |

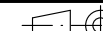
|                  |                                  |                                 |              |
|------------------|----------------------------------|---------------------------------|--------------|
|                  | 14                               | -                               | -            |
|                  | 12                               | -                               | -            |
|                  | 8<br>IEC                         | -                               | -            |
|                  | 7<br>IEC                         | -                               | -            |
|                  | 7                                | -                               | -            |
|                  | 6                                | T 3427 600 U                    | T 3427 200 U |
|                  | 5                                | T 3377 600 U                    | T 3377 200 U |
|                  | 5<br>IEC                         | T 3397 600 U                    | T 3397 200 U |
|                  | 4                                | -                               | -            |
|                  | 3                                | T 3277 600 U                    | T 3277 200 U |
| SYMBOL<br>symbol | POLZAHL<br>number of<br>contacts | housing black                   | housing gray |
|                  |                                  | TYP-NUMMER-AG<br>type-number-AG |              |

All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guaranties ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie")

|                               |                      |                       |                                     |                     |  |
|-------------------------------|----------------------|-----------------------|-------------------------------------|---------------------|--|
| Gewicht (errechnet)/ Calc WT: | 9                    | Zul. Abw./Tolerances: | Maßstab/Scale 2:1                   | A3                  |  |
| Prüfmaß/Testdimension         |                      |                       | CUSTOMER DRAWING                    |                     |  |
| Teileindex<br>Partindexnumber |                      |                       | Gerätedose 90°<br>Female receptacle |                     |  |
|                               |                      |                       | M M-GB T 3XX7 X00 U                 |                     |  |
| 01                            | 2012000003           | 22.09.12 JZ           | Amphenol-Tuchel Electronics GmbH    |                     |  |
| Index                         | Änderung/Description | Datum/Date            | Name                                | Ers. f./Similar to: |  |
|                               |                      |                       |                                     | Blatt/Sheet 1       |  |
|                               |                      |                       |                                     | 2 Bl.               |  |

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|                                                                                                             |                      |            |      |                                                                                       |                                      |                          |                                                                                                           |  |                  |                                                                                       |  |
|-------------------------------------------------------------------------------------------------------------|----------------------|------------|------|---------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------|--|------------------|---------------------------------------------------------------------------------------|--|
| Masse (errechnet)/Calc WT:                                                                                  |                      |            |      | 9                                                                                     | Zul. Abw./Tolerances:                |                          | Maßstab/Scale 5:1                                                                                         |  | A3               |  |  |
|  Prüfmaß/Testdimension |                      |            |      |                                                                                       | $\pm 0,10$<br>$\nless \pm 1,0^\circ$ |                          | <br>DIN/ISO<br>13715 |  | CUSTOMER DRAWING |                                                                                       |  |
| Teileindex<br>Partindexnumber                                                                               |                      |            |      |  |                                      |                          |                                                                                                           |  |                  |                                                                                       |  |
|                                                                                                             |                      |            |      | 12                                                                                    | Datum/Date                           | Name                     | Gerätedose 90°<br><br>Female receptacle, PCB layout                                                       |  |                  |                                                                                       |  |
|                                                                                                             |                      |            |      | Gez.                                                                                  | 22.09.                               | jerry.zhang              |                                                                                                           |  |                  |                                                                                       |  |
|                                                                                                             |                      |            |      | Drawn                                                                                 |                                      |                          |                                                                                                           |  |                  |                                                                                       |  |
|                                                                                                             |                      |            |      | Gepr.                                                                                 |                                      |                          |                                                                                                           |  |                  |                                                                                       |  |
|                                                                                                             |                      |            |      | Checked                                                                               |                                      |                          |                                                                                                           |  |                  |                                                                                       |  |
|                                                                                                             |                      |            |      | Amphenol-Tuchel                                                                       |                                      | M                        |                                                                                                           |  |                  | Blatt/Sheet                                                                           |  |
|                                                                                                             |                      |            |      | Electronics GmbH                                                                      |                                      | M-GB T 3XX7 X00 U        |                                                                                                           |  |                  | 2                                                                                     |  |
| 01                                                                                                          | 2012000003           | 22.09.12   | JZ   |                                                                                       |                                      |                          |                                                                                                           |  |                  | 2 Bl.                                                                                 |  |
| Index                                                                                                       | Änderung/Description | Datum/Date | Name |                                                                                       |                                      | Ers. f./Replacement for: |                                                                                                           |  |                  |                                                                                       |  |

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