

Circular Connectors C 091 A Female receptacle front mounting, No. of contacts 5, 300 V

Part No.      T 3363 000



Series            Circular Connectors C091  
Subseries       Circular Connector C 091 A

View represents all available contact positions.

| COMMON CHARACTERISTICS         |                                                        |                                          |
|--------------------------------|--------------------------------------------------------|------------------------------------------|
| No. of contacts                |                                                        | 5                                        |
| Assembly method                |                                                        | front mounting                           |
| ELECTRICAL CHARACTERISTICS     |                                                        |                                          |
| Rated voltage                  | DIN EN 60664-1 / IEC 60664-1                           | 300V                                     |
| Rated voltage                  | UL 1977                                                | 250V                                     |
| Rated impulse voltage          | DIN EN 60664-1 / IEC 60664-1                           | 1500V                                    |
| Installation category          | DIN EN 60664-1 / IEC 60664-1                           | I                                        |
| Insulation group               | DIN EN 60664-1 / IEC 60664-1                           | II, 400 ≤ CTI < 600                      |
| Insulation resistance          | DIN EN 60512-2, Test 3a / IEC 60512-2, Test 3a         | > 10 <sup>10</sup> Ω                     |
| Contact resistance             | DIN EN 60512-2, Test 2a / IEC 60512-2 Test 2a          | < 5 mΩ                                   |
| Pollution degree               | DIN EN 60664-1 / IEC 60664-1                           | 1                                        |
| CLIMATICAL CHARACTERISTICS     |                                                        |                                          |
| Climatic category              | DIN EN 60068-1 / IEC 60068-1                           | 40 / 100 / 56                            |
| Temperature range              |                                                        | - 40 °C ... + 100 °C- 40 °F ... + 212 °F |
| MECHANICAL CHARACTERISTICS     |                                                        |                                          |
| IP degree of protection        | DIN EN 60529 / IEC 60529                               | IP 40                                    |
| Insertion and withdrawal force | DIN EN 60512-13-2, Test 13b / IEC 60512-13-2, Test 13b | 35 N<br>125.oz                           |
| Mechanical lifetime            |                                                        | ≥ 500 mating cycles                      |
| MATERIALS                      |                                                        |                                          |
| Insert                         |                                                        | Thermoplastic                            |
| Contact plating                |                                                        | silver plated                            |
| Housing                        |                                                        | die cast, nickel plated                  |
| FURTHER CHARACTERISTICS        |                                                        |                                          |
| Termination                    |                                                        | solder                                   |
| Wire gauge                     |                                                        | ≤ 0,5 mm²                                |
| Wire gauge (AWG)               |                                                        | ≤ 20                                     |
| Flammability                   | UL 94                                                  | UL 94 V0                                 |
| Locking                        |                                                        | screw                                    |



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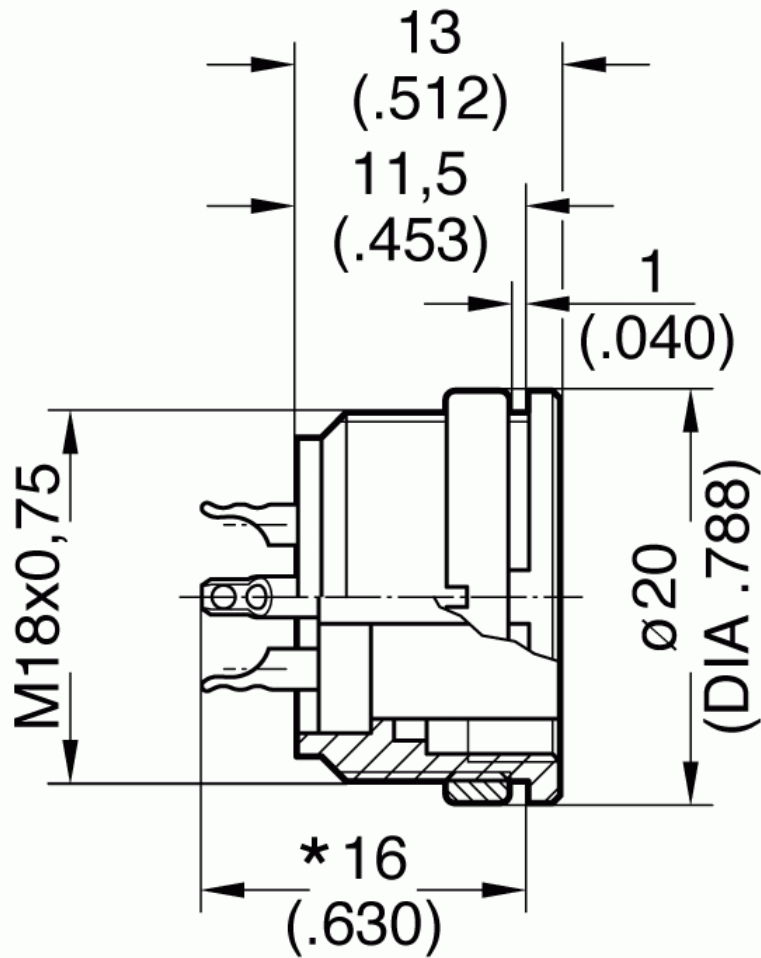
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Fig. C 091A-21a



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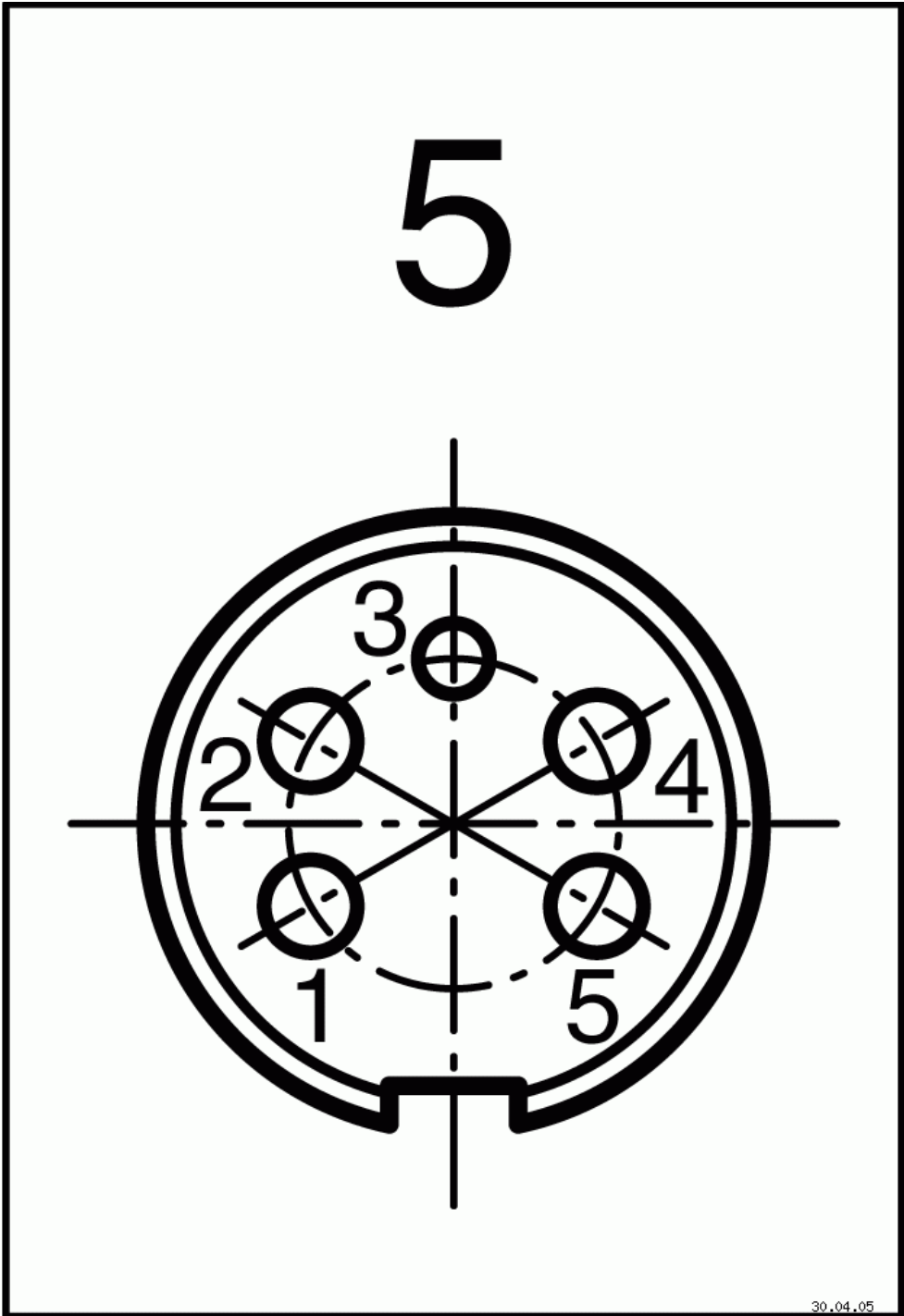
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Contact arrangement

30,04,05