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|---|---------------------------|--|------|-------------------|----------|--------------------|------|-------------------------------|------|-----------------|----------|-----------------|------|--|
| Number of contacts | Standard | 3 | 4 | 5 | 5 | 6 | 7 | 7 | 8 | 12 | 14 | 14 | 19 | |
| Contact arrangement | IEC 61076-2-106 | 03-a | 04-a | 05-a | 05-b | 06-a | 07-a | 07-b | 08-a | 12-a | 14-a | 14-b | 19-a | |
| Contact arrangement | IEC 60130-9 ¹⁾ | yes | | no | | yes | | no | | yes | | | | |
| Rated voltage ²⁾ | IEC 60664-1 | 300 V (100 V) | | 300 V (63 V) | | 100 V (32 V) | | 300 V (63 V) | | 100 V (32 V) | | 150 V (32 V) | | |
| Rated voltage | UL 1977 | 250V | | | | | | | | 60V | | | | |
| Rated impulse withstand voltage ²⁾ | IEC 60664-1 | 1500 V (1500 V) | | 1200 V (800 V) | | 1500 V (1500 V) | | 1200 V (800 V) | | | | | | |
| Pollution degree ²⁾ | IEC 60664-1 | 1 (2) | | | | | | | | | | | | |
| Installation category | IEC 60664-1 | I | | | | | | | | | | | | |
| Insulation group | IEC 60664-1 | II, 400 ≤ CTI < 600 | | | | | | | | | | | | |
| Current rating | IEC 60512-5-2 UL 1977 | 10A/+40°C | | | 7A/+40°C | | | | | | 3A/+40°C | | | |
| Insulation resistance | IEC 60512-3-1 | >10 ¹⁰ Ohm ³⁾ | | | | | | | | | | | | |
| Contact resistance | IEC 60512-2-1 | <5mOhm | | | | | | | | | | | | |
| Climatic category | IEC 60668-1 | 40 / 100 / 56 | | | | | | | | | | | | |
| Temperatur range | IEC 60668-1 | -40°C...+100°C / -40°F...+212°F | | | | | | | | | | | | |
| IP degree | IEC 60529 | IP 40 | | | | | | | | | | | | |
| Insertion and withdrawal force | IEC 60512-13-2 | 25N | 30N | 35N | 35N | 50N | 55N | 55N | 60N | 50N | 50N | 50N | 60N | |
| mechanical operation | IEC 60512-9-1 | Silver ≥500 mating cycles / Gold ≥1000 mating cycles | | | | | | | | | | | | |
| housing material | | brass and / or zinc die cast, nickel plated or thermoplast | | | | | | | | | | | | |
| dielectric material | | thermoplastic | | | | | | | | | | | | |
| contacts | | silver or gold plated | | | | | | | | | | | | |
| termination technique | | solder | | | | | | | | | | | | |
| wire gauge | | ≤0,5mm ² / 20 AWG | | | | | | ≤0,35mm ² / 22 AWG | | | | | | |
| flamability | | UL 94 VO | | | | | | | | | | | | |
| locking system | | metal screw coupling; tightening torque 0,7 - 1,5 Nm | | | | | | | | | | | | |

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| Gewicht (errechnet) / Calc WT: 34,46 g |
| Prüfmaß / Testdimension |
| Teileindex / Partindexnumber: |
| Bagatelle change: 23.02.2021 MCARLE |

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|-----------------------|---------------------|
| Zul. Abw./Tolerances: | ISO 2768-c |
| Gez. Drawn | 30.11.2020 MCARLE |
| Status | Released |
| Gepr. Checked | 10.02.2021 MBERTSCH |

| | | |
|---|----|--|
| Maßstab / Scale: 2:1 | A3 | |
| CUSTOMER DRAWING | | |
| Female cable connector PG7, cable diameter 4-6mm | | |

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|--|--|-----------------|--------------|
| | 19 (19-a) | Ag | T 3691 004 U |
| | | Au | T 3691 048 U |
| | 14 (14-b) | Ag | T 3671 004 U |
| | | Au | T 3671 048 U |
| | 14 (14-a) | Ag | T 3651 044 U |
| | | Au | T 3651 004 U |
| | 12 (12-a) | Ag | T 3636 044 U |
| | | Au | T 3636 004 U |
| | 8 (08-a) | Ag | T 3505 004 U |
| | | Au | T 3505 048 U |
| | 7 (07-b) | Ag | T 3485 004 U |
| | | Au | T 3485 048 U |
| | 7 (07-a) | Ag | T 3476 004 U |
| | | Au | T 3476 048 U |
| | 6 (6-a) | Ag | T 3401 004 U |
| | | Au | T 3401 048 U |
| | 5 (05-b) | Ag | T 3361 004 U |
| | | Au | T 3357 048 U |
| | 5 (05-a) | Ag | T 3361 004 U |
| | | Au | T 3361 048 U |
| | 4 (04-a) | Ag | T 3301 004 U |
| | | Au | T 3301 048 U |
| | 3 (03-a) | Ag | T 3261 004 U |
| | | Au | T 3261 048 U |
| | 2 (Pin 1+3) | Ag | T 3201 004 U |
| | | Au | T 3201 048 U |
| Contact arrangement View on mating side | Number of contacts (Contact arrangement acc. DIN EN 61076-2-106) | contact plating | Part number |

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ under operating conditions >10⁹ Ohm
 Do not connect or disconnect under load Metal housing parts shall be securely incorporated to protected ground
 Remark for gold plated contacts:
 In order to avoid brittle inter-metallic connections, gold plated terminals have to be tin-plated in the solder area.
 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").

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|-------|------------------------|--------------|--------|
| 02 | 202000083 | 05.02.2021 | MCARLE |
| Index | Änderung / Description | Datum / Date | Name |

Amphenol Tuchel Industrial GmbH

| | | | | | |
|--|----|---|------|---------|---|
| M | DA | T | 3XXX | 004+048 | U |
| Ers. f. / Replacement for: M-DA T 3XXX 004+048 U Rev01 | | | | | |

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