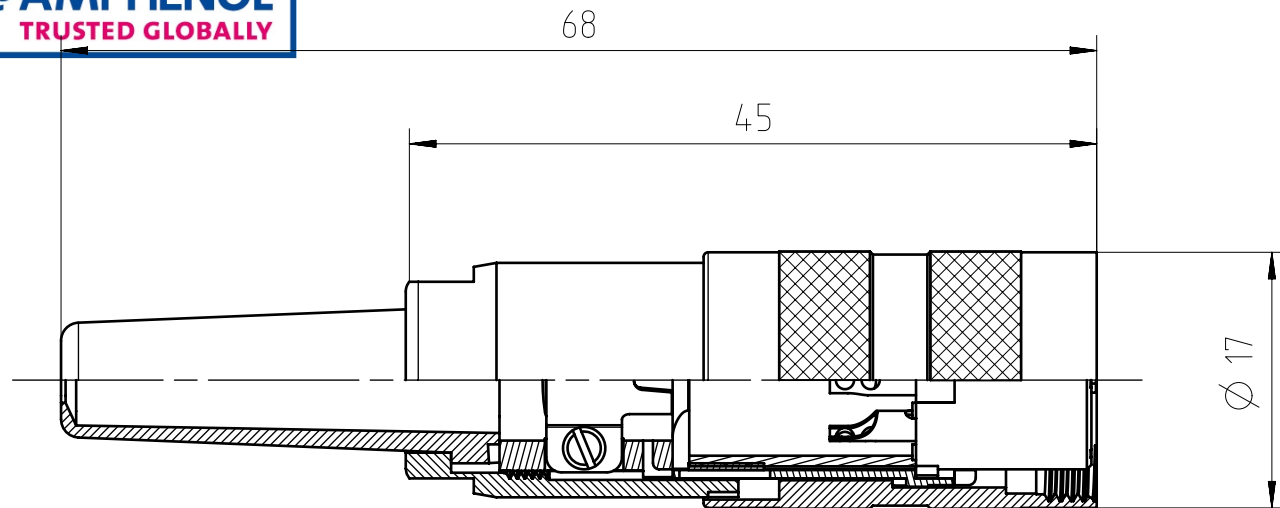


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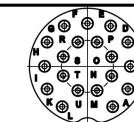
Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14	14	19
Contact arrangement	IEC 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	14-b	19-a
Contact arrangement	IEC 60130-9 ⁿ	yes		no	yes		no	yes		no			
Rated voltage ²⁾	IEC 60664-1	300 V (100 V)		300 V (63 V)	100 V (32 V)	300 V (63 V)		100 V (32 V)		150 V (32 V)		60 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 V0											
locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm											

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ under operating conditions >10⁸ 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.

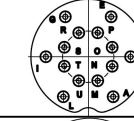
All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guaranties ("Beschaffenheitsgarantie"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



19
(19-a)

Ag
Au

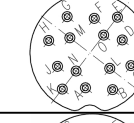
T 3691 001 U
T 3691 018 U



14
(14-b)

Ag
Au

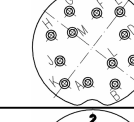
T 3671 001 U
T 3671 018 U



14
(14-a)

Ag
Au

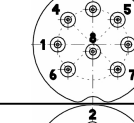
T 3651 001 U
T 3651 000 U



12
(12-a)

Ag
Au

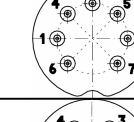
T 3636 001 U
T 3636 000 U



8
(08-a)

Ag
Au

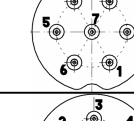
T 3505 001 U
T 3505 018 U



7
(07-b)

Ag
Au

T 3485 001 U
T 3485 018 U



7
(07-a)

Ag
Au

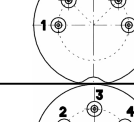
T 3476 001 U
T 3476 018 U



6
(6-a)

Ag
Au

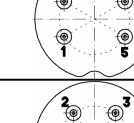
T 3401 001 U
T 3401 018 U



5
(05-b)

Ag
Au

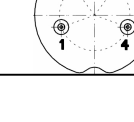
T 3361 010 U
T 3357 018 U



5
(05-a)

Ag
Au

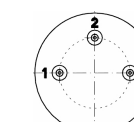
T 3361 001 U
T 3361 018 U



4
(04-a)

Ag
Au

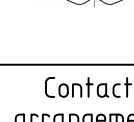
T 3301 001 U
T 3301 018 U



3
(03-a)

Ag
Au

T 3261 001 U
T 3261 018 U



2
(Pin 1+3)

Ag
Au

T 3201 001 U
T 3201 018 U

Contact arrangement
View on mating side

Number of contacts
(Contact arrangement acc. DIN EN 61076-2-106)

contact plating

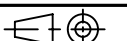
Part number

Gewicht (errechnet) / Calc WT: 29,13 g
Prüfmaß / Testdimension
Teileindex / Partindexnumber:
Bagatelle change: 23.02.2021 MCARLE

Zul. Abw./Tolerances:
ISO 2768-c
DIN / ISO 13715

Maßstab / Scale: 2:1

A3



CUSTOMER DRAWING

Gez. 08.12.2020
Drawn MCARLE
Status Released
Gepr. 10.02.2021
Checked MBERTSCH

Female cable connector
Cable diameter 4-6mm

Amphenol Tuchel
Industrial GmbH

M DA T 3XXX 001+010+018 U

Blatt / Sheet
1
1 Bl.

01 202000083 05.02.2021 MCARLE
Index Änderung / Description Datum / Date Name

Ers. f. / Replacement for:

FAI2020-004450
NXM-V01

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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