



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) 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												

Gewicht (errechnet) / Calc WT: 34,46 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. 30.11.2020
 Drawn MCARLE
 Status Released
 Gepr. 10.02.2021
 Checked MBERTSCH

Female cable connector
 PG7, cable diameter 4-6mm

Amphenol Tuchel Industrial GmbH

M DA T 3XXX 004+048 U
 Blatt / Sheet 1
 1 Bl.
 Ers. f. / Replacement for: M-DA T 3XXX 004+048 U Rev01

	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

Copying of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.
 Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.

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 ("Beschaffensgarantie" or "Haltbarkeitsgarantie").