



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 <sup>1)</sup>	yes		no		yes		no		yes			
Rated voltage <sup>2)</sup>	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 <sup>2)</sup>	IEC 60664-1	1500 V (1500 V)		1200 V (800 V)		1500 V (1500 V)		1200 V (800 V)					
Pollution degree <sup>2)</sup>	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 <sup>10</sup> Ohm <sup>3)</sup>											
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 <sup>2</sup> / 20 AWG						≤0,35mm <sup>2</sup> / 22 AWG					
flamability		UL 94 VO											
locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm											

Gewicht (errechnet) / Calc WT: 0,035 kg	Zul. Abw./Tolerances:
Prüfmaß / Testdimension	ISO 2768-c
Teileindex / Partindexnumber:	DIN / ISO 13715
Bagatelle change:	

Gez. 30.11.2020
Drawn MCARLE
Status Released
Gepr. 05.09.2023
Checked MBERTSCH

Maßstab / Scale: 2:1	A3	
<b>CUSTOMER DRAWING</b>		

03	202300020	30.08.2023	MKELB
02	202000083	05.02.2021	MCARL
Index	Änderung / Description	Datum / Date	Name

**Amphenol Tuchel Industrial GmbH**

Female cable connector		Blatt / Sheet
PG7, cable diameter 4-6mm		1
M DA T 3XXX 004+048 U		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 3357 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
<b>Contact arrangement View on mating side</b>	<b>Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)</b>	<b>contact plating</b>	<b>Part number</b>

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.

FAI2023-002321  
NXM-V05