



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		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)		
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												

Gewicht (errechnet) / Calc WT: 0,026 kg
 Prüfmaß / Testdimension
 Teileindex / Partindexnumber:
 Bagatelle change:

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

Maßstab / Scale: 2:1
 A3
CUSTOMER DRAWING

Gez. 10.12.2020
 Drawn MCARLE
 Status Released
 Gepr. 10.02.2021
 Checked MBERTSCH

Amphenol Tuchel Industrial GmbH

Male cable connector
 for cable diamter 4-6mm
 Blatt/Sheet 1
 1 Bl.

01 202000083 10.12.2020 MCARLE
 Index Änderung/Description Datum/Date Name

Ers. f. / Replacement for:

M HA T 3XXX 013+130+038 U
 Ers. f. / Replacement for:

	19 (19-a)	Ag	T 3690 013 U
		Au	T 3690 038 U
	14 (14-b)	Ag	T 3670 013 U
		Au	T 3670 038 U
	14 (14-a)	Ag	T 3650 013 U
		Au	T 3650 038 U
	12 (12-a)	Ag	T 3635 013 U
		Au	T 3635 038 U
	8 (08-a)	Ag	T 3504 013 U
		Au	T 3504 038 U
	7 (07-b)	Ag	T 3484 013 U
		Au	T 3484 038 U
	7 (07-a)	Ag	T 3475 013 U
		Au	T 3475 038 U
	6 (6-a)	Ag	T 3400 013 U
		Au	T 3400 038 U
	5 (05-b)	Ag	T 3360 130 U
		Au	T 3356 038 U
	5 (05-a)	Ag	T 3360 013 U
		Au	T 3360 038 U
	4 (04-a)	Ag	T 3300 013 U
		Au	T 3300 038 U
	3 (03-a)	Ag	T 3260 013 U
		Au	T 3260 038 U
	2 (Pin 1+3)	Ag	T 3200 013 U
		Au	T 3200 038 U

Contact arrangement View on mating side
 Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)
 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 Schadensersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.

FAI2020-004494
NXM-V04