



	19 (19-a)	Ag	T 3690 005 U
		Au	T 3690 058 U
	14 (14-b)	Ag	T 3670 005 U
		Au	T 3670 058 U
	14 (14-a)	Ag	T 3650 005 U
		Au	T 3650 058 U
	12 (12-a)	Ag	T 3635 005 U
		Au	T 3635 058 U
	8 (08-a)	Ag	T 3504 005 U
		Au	T 3504 058 U
	7 (07-b)	Ag	T 3484 005 U
		Au	T 3484 058 U
	7 (07-a)	Ag	T 3475 005 U
		Au	T 3475 058 U
	6 (6-a)	Ag	T 3400 005 U
		Au	T 3400 058 U
	5 (05-b)	Ag	T 3356 005 U
		Au	T 3356 058 U
	5 (05-a)	Ag	T 3360 005 U
		Au	T 3360 058 U
	4 (04-a)	Ag	T 3300 005 U
		Au	T 3300 058 U
	3 (03-a)	Ag	T 3260 005 U
		Au	T 3260 058 U
	2 (Pin 1+3)	Ag	T 3200 005 U
		Au	T 3200 058 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number	

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	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 VO												
locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm												

Gewicht (errechnet) / Calc WT: 0,041 kg
 Zul. Abw./Tolerances: ISO 2768-c
 Maßstab / Scale: 2:1
 A3

Prüfmaß / Testdimension
 Teileindex / Partindexnumber:
 Bagatelle change:

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

Amphenol Tuchel Industrial GmbH

Maßstab / Scale: 2:1
 A3

CUSTOMER DRAWING

Male cable connector r/a
 cable diameter 4-6mm

M KA T 3XXX 005+058 U

Blatt / Sheet: 1
 1 Bl.

Ers. f. / Replacement for:

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

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.

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").

FAI2020-004495
NXM-V04