



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.

D	Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14
	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
C	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									
B	Climatic category	IEC 60668-1	40 / 100 / 56									
	Temperatur range	IEC 60668-1	-40°C...+100°C / -40°F...+212°F									
A	IP degree	IEC 60529	IP 40									
	Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N	35N	50N	55N	55N	60N	50N	50N
	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, please order contacts separately acc. to drawing M-N 02 015 00XX X (3-8pol) or M-N 02 010 0158 X (12-14pol)									
	termination technique		crimp									
	wire gauge		0,09-1,0mm ²		0,09-0,75 mm ²	0,09-1,0 mm ²	0,09-0,75mm ²			0,09-0,25mm ²		
	flamability		UL 94 VO									
	locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm									

	14 (14-a)	T 3651 055 U
	12 (12-a)	T 3636 055 U
	8 (08-a)	T 3505 055 U
	7 (07-b)	T 3485 055 U
	7 (07-a)	T 3476 055 U
	6 (6-a)	T 3401 055 U
	5 (05-b)	T 3357 055 U
	5 (05-a)	T 3361 055 U
	4 (04-a)	T 3301 055 U
	3 (03-a)	T 3261 055 U
	2 (Pin 1+3)	T 3201 055 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number

Gewicht (errechnet) / Calc WT: 47,46 g		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1;1:1		A3	
Prüfmaß / Testdimension		ISO 2768-c		DIN / ISO 13715		CUSTOMER DRAWING	
Teileindex / Partindexnumber:		Gez. 15.06.2021		Drawn MCARLE		Female cable connector r/a cable diameter 4-6mm	
Bagatelle change:		Status Released		Gepr. 16.06.2021		Checked MBERTSCH	
01 202100006		15.06.2021		MCARLE		Amphenol Tuchel Industrial GmbH	
Index Änderung/Description		Datum/Date		Name		M FA T 3XXX 055 U	
						Blatt/Sheet 1	
						1 Bl.	
						Ers. f. / Replacement for:	

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 >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 ("Beschaffensgarantie" or "Haltbarkeitsgarantie").