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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				
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												

	19 (19-a)	Ag	T 3691 013 U
		Au	T 3691 038 U
	14 (14-b)	Ag	T 3671 013 U
		Au	T 3671 038 U
	14 (14-a)	Ag	T 3651 013 U
		Au	T 3651 038 U
	12 (12-a)	Ag	T 3636 013 U
		Au	T 3636 038 U
	8 (08-a)	Ag	T 3505 013 U
		Au	T 3505 038 U
	7 (07-b)	Ag	T 3485 013 U
		Au	T 3485 038 U
	7 (07-a)	Ag	T 3476 013 U
		Au	T 3476 038 U
	6 (6-a)	Ag	T 3401 013 U
		Au	T 3401 038 U
	5 (05-b)	Ag	T 3361 130 U
		Au	T 3357 038 U
	5 (05-a)	Ag	T 3361 013 U
		Au	T 3361 038 U
	4 (04-a)	Ag	T 3301 013 U
		Au	T 3301 038 U
	3 (03-a)	Ag	T 3261 013 U
		Au	T 3261 038 U
	2 (Pin 1+3)	Ag	T 3201 013 U
		Au	T 3201 038 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	contact plating	Part number

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Gewicht (errechnet) / Calc WT: 0,027 kg	Zul. Abw./Tolerances:	Maßstab / Scale: 2:1	A3	
Prüfmaß / Testdimension	ISO 2768-c	CUSTOMER DRAWING		
Teileindex / Partindexnumber:	DIN / ISO 13715	Female cable connector		
Bagatelle change:	Gez. 30.11.2020	cable diameter 4-6mm		
	Drawn MCARLE			
	Status Released			
	Gepr. 10.02.2021			
	Checked MBERTSCH			
	Amphenol Tuchel Industrial GmbH	M DA T 3XXX 013+130+038 U		
01 202000083	30.11.2020 MCARLE	Blatt / Sheet 1		
Index Änderung / Description	Datum / Date	Name		
		Ers. f. / Replacement for:		

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").