



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			
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											

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 ("Beschaffensgarantie" or "Haltbarkeitsgarantie").

	19 (19-a)	Ag	T 3691 005 U
		Au	T 3691 058 U
	14 (14-b)	Ag	T 3671 005 U
		Au	T 3671 058 U
	14 (14-a)	Ag	T 3651 005 U
		Au	T 3651 058 U
	12 (12-a)	Ag	T 3636 005 U
		Au	T 3636 058 U
	8 (08-a)	Ag	T 3505 005 U
		Au	T 3505 058 U
	7 (07-b)	Ag	T 3485 005 U
		Au	T 3485 058 U
	7 (07-a)	Ag	T 3476 005 U
		Au	T 3476 058 U
	6 (6-a)	Ag	T 3401 005 U
		Au	T 3401 058 U
	5 (05-b)	Ag	T 3357 005 U
		Au	T 3357 058 U
	5 (05-a)	Ag	T 3361 005 U
		Au	T 3361 058 U
	4 (04-a)	Ag	T 3301 005 U
		Au	T 3301 058 U
	3 (03-a)	Ag	T 3261 005 U
		Au	T 3261 058 U
	2 (Pin 1+3)	Ag	T 3201 005 U
		Au	T 3201 058 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	contact plating	Part number

Gewicht (errechnet) / Calc WT: 47,98 g		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1;1:1		A3			
Prüfmaß / Testdimension		ISO 2768-c		DIN / ISO 13715		CUSTOMER DRAWING			
Teileindex / Partindexnumber:		Gez. 06.11.2020		Drawn MCARLE					
Bagatelle change:		Status Released		Gepr. 10.02.2021		Female cable connector r/a cable diameter 4-6mm			
		Checked MBERTSCH		Amphenol Tuchel Industrial GmbH					
01 202000083		06.11.2020		MCARLE		M FA T 3XXX 005+058 U		Blatt / Sheet 1	
Index		Änderung / Description		Datum / Date		Name		Ers. f. / Replacement for:	

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