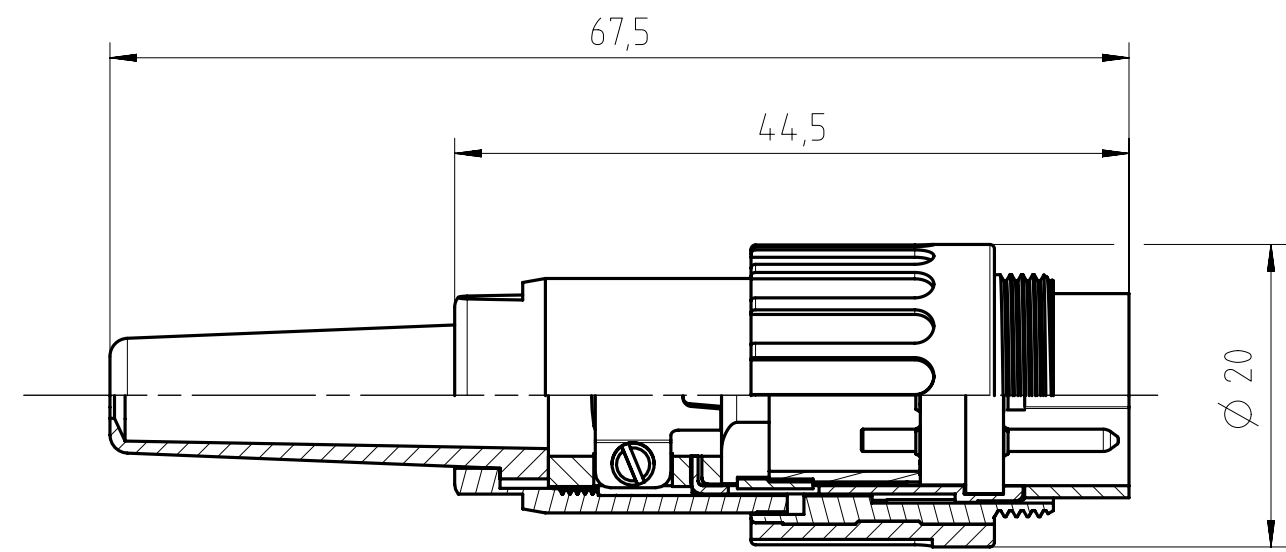


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Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14	14	19
Contact arrangement	IEC 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	14-b	19-a
Contact arrangement	IEC 60130-9 ⁿ	yes		no	yes		no	yes		no			
Rated voltage ²⁾	IEC 60664-1	300 V (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		≤0,5mm² / 20 AWG								≤0,35mm² / 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 >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 ("Beschaffungsgarantie" or "Haltbarkeitgarantie").

	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	

Gewicht (errechnet) / Calc WT: 0,026 kg

Prüfmaß / Testdimension

Teileindex / Partindexnumber:

Bagatelle change:

ISO 2768-m

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 for cable diamter 4-6mm

M HA T 3XXX 013+130+038 U

Ers. f. / Replacement for:

01

202000083

10.12.2020

MCARLE

Index

Änderung / Description

Datum / Date

Name

Blatt / Sheet

1

1 Bl.

FA/2020-004494

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