



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 ¹⁾	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)		
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: 0,027 kg		Zul. Abw./Tolerances:	
Prüfmaß / Testdimension		ISO 2768-c	
Teileindex / Partindexnumber:		DIN / ISO 13715	
Bagatelle change:		Maßstab / Scale: 2:1	
		A3	
		Gez. Drawn: 10.12.2020	
		Status: Released	
		Gepr. Checked: 23.02.2021	
		MBERTSCH	
		Amphenol Tuchel Industrial GmbH	
01	202000083	05.02.2021	MCARL
Index	Änderung / Description	Datum / Date	Name

	19 (19-a)	Ag	T 3690 004 U
		Au	T 3690 048 U
	14 (14-b)	Ag	T 3670 004 U
		Au	T 3670 048 U
	14 (14-a)	Ag	T 3650 024 U
		Au	T 3650 004 U
	12 (12-a)	Ag	T 3635 024 U
		Au	T 3635 004 U
	8 (08-a)	Ag	T 3504 004 U
		Au	T 3504 048 U
	7 (07-b)	Ag	T 3484 004 U
		Au	T 3484 048 U
	7 (07-a)	Ag	T 3475 004 U
		Au	T 3475 048 U
	6 (6-a)	Ag	T 3400 004 U
		Au	T 3400 048 U
	5 (05-b)	Ag	T 3356 004 U
		Au	T 3356 048 U
	5 (05-a)	Ag	T 3360 004 U
		Au	T 3360 048 U
	4 (04-a)	Ag	T 3300 004 U
		Au	T 3300 048 U
	3 (03-a)	Ag	T 3260 004 U
		Au	T 3260 048 U
	2 (Pin 1+3)	Ag	T 3200 004 U
		Au	T 3200 048 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number	

CUSTOMER DRAWING

Male cable connector
for cable diameter 4-6mm

M HA T 3XXX 004+024+048

Ers. f. / Replacement for:

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