



Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14	
Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a	
Contact arrangement	IEC 60130-9 ¹⁾											
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	250 V						60 V				
Rated impulse withstand voltage ²⁾	IEC 60664-1	1500 V (840 V)	1200 V (500 V)	1500 V (840 V)	1200 V (500 V)							
Pollution degree ²⁾	IEC 60664-1	1 (3 ³⁾)										
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/+104°F			7A/+40°C/+104°F				3A/+40°C/+104°F			
Insulation resistance	IEC 60512-3-1	>10 ¹⁰ Ohm ⁴⁾										
Contact resistance	IEC 60512-2-1	<5m Ohm										
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	50N	55N	60N	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										
Dielectric material		thermoplastic										
Contacts		silver or gold plated, please order contacts separately acc. to drawing M-N 01 015 00XX X (3-8pol) or M-N 01 010 0158 X U (12-14pol)										
Termination technique		solder, crimp										
Wire gauge		2-6 pol (exclusive 5S): 0,09-1,0mm ² / 28-18 AWG						0,09-0,25mm ² / 28-24 AWG				
Flamability		UL 94 VO										
locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 1,0 Nm										

¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ designed acc. pollution degree 2; can be used under pollution degree 3 when the rules of IEC 60664-1 are fulfilled
⁴⁾ under operating conditions >10⁸ Ohm
⁵⁾ 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. Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground. Parts according to directive 2002/95/EG (RoHS).

	14 (14-a)	T 3650 552 U
	12 (12-a)	T 3635 552 U
	8 (08-a)	T 3504 552 U
	7 (07-b)	T 3484 552 U
	7 (07-a)	T 3475 552 U
	6 (6-a)	T 3400 552 U
	5 (05-b)	T 3356 552 U
	5 (05-a)	T 3360 552 U
	4 (04-a)	T 3300 552 U
	3 (03-a)	T 3260 552 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number

Gewicht (errechnet) / Calc WT: 0,027 kg		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1		A3	
Prüfmaß / Testdimension		DIN / ISO 13715		CUSTOMER DRAWING			
Teileindex Partindexnumber		Name					
Datum/Date		Name		Male cable connector			
Gez. Drawn		RSCHÄ					
Datum/Date		Name		Amphenol-Tuchel Electronics GmbH			
Status: Released		Inspector: 07.07.2016 MGRIM					
Index		Name		M HA T 3XXX 552 U		Blatt/Sheet 1	
Änderung/Description		Datum/Date		4.033.588		Ers. f. / Replacement for:	

Coping 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.

Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.