



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 <sup>1)</sup>			-								
Rated voltage <sup>2)</sup>	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 <sup>2)</sup>	IEC 60664-1	1500 V (840 V)	1200 V (500 V)	1500 V (840 V)	1200 V (500 V)							
Pollution degree <sup>2)</sup>	IEC 60664-1	1 (3 <sup>3)</sup> )										
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 <sup>10</sup> Ohm <sup>4)</sup>										
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 <sup>2</sup> / 28-18 AWG						0,09-0,25mm <sup>2</sup> / 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										

<sup>1)</sup> Edition 2000-05  
<sup>2)</sup> values in brackets are according to DIN EN 61076-2-106  
<sup>3)</sup> designed acc. pollution degree 2; can be used under pollution degree 3 when the rules of IEC 60664-1 are fulfilled  
<sup>4)</sup> under operating conditions >10<sup>8</sup> Ohm  
<sup>5)</sup> 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 3651 552 U
	12 (12-a)	T 3636 552 U
	8 (08-a)	T 3505 552 U
	7 (07-b)	T 3485 552 U
	7 (07-a)	T 3476 552 U
	6 (6-a)	T 3401 552 U
	5 (05-b)	T 3357 552 U
	5 (05-a)	T 3361 552 U
	4 (04-a)	T 3301 552 U
	3 (03-a)	T 3261 552 U
<b>Contact arrangement View on mating side</b>	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	<b>Part number</b>

Gewicht (errechnet) / Calc WT: 0,028 kg		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1		A3			
Prüfmaß / Testdimension		DIN / ISO 13715		<b>CUSTOMER DRAWING</b>					
Teileindex Partindexnumber		Date/Date Name							
		Gez. Drawn 13.06.2016 RSCHÄ		<b>Kabeldose gerade</b> <i>Female cable connector</i>					
		Status: Released Inspector: 07.07.2016 MGRIM							
		<b>Amphenol-Tuchel Electronics GmbH</b>		<b>M DA T 3XXX 552 U</b>				Blatt/Sheet 1	
02 201600320 13.06.2016 RSCHÄ		4.033.617						Ers. f. l. Replacement for: M-DA T 3XXX 552 U Rev01	
Index Änderung/Description		Datum/Date Name							

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