

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)	300 V (32 V)	100 V (32 V)	100 V (32 V)	150 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)	1500 V (840 V)	1500 V (840 V)	1200 V (500 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 / 100 / 56	-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 5S, 7, 7S, 8pol: 0,09-0,75mm <sup>2</sup> / 28-20 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							

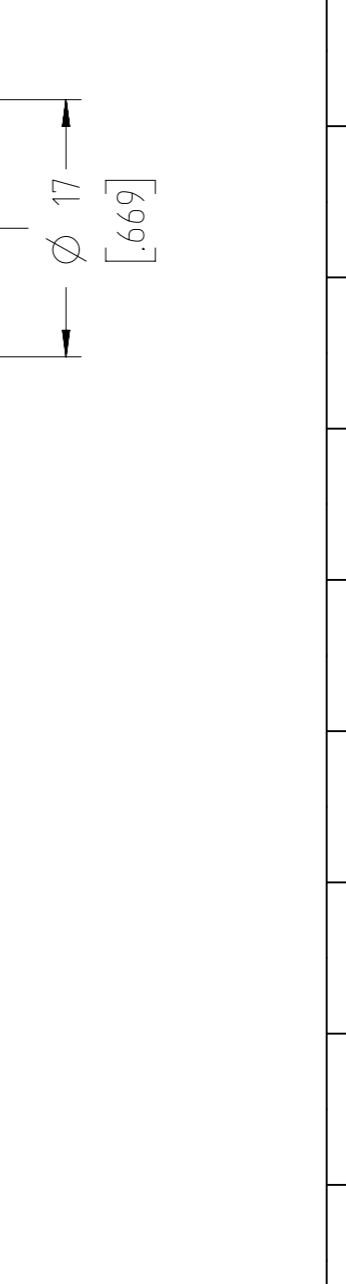
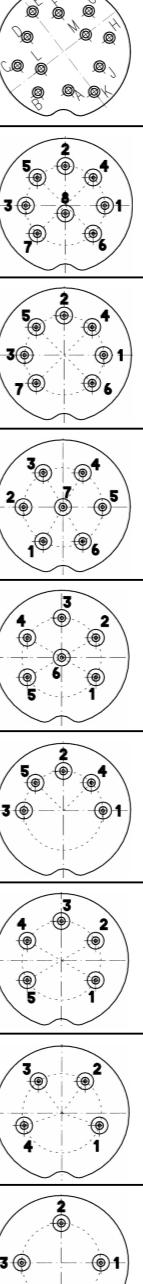
locking 3

<sup>1)</sup> Edition 2000-05 <sup>2)</sup> DIN EN 14076-2-106

<sup>2)</sup> values in brackets are according to DIN EN 61076-2-106

<sup>3)</sup> designed acc. pollution degree 2; ca.  
<sup>4)</sup> under operating conditions,  $> 10^8$  Ohm

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 guarantees. Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground.

	 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 :		 DIN / ISO 13715	Maßstab / Scale : 2:1	A3		
Prüfmaß / Testdimension						CUSTOMER DRAWING			
Teileindex Part index number						Male cable connector			
			Datum / Date	Name					
			Gez. Drawn	13.06.2016	RSCHÄ				
			Status: Released Inspector: 07.07.2016 MGRIM						
			<b>Amphenol-Tuchel</b> <b>Electronics GmbH</b>			M	HA T 3XXX 552 U	Blatt / Sheet 1 1 Bl.	
01	201600320	13.06.2016	RSCHÄ						
Index	Änderung / Description	Datum / Date	Name	1/033 588		Ers. f. / Replacement for :			

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