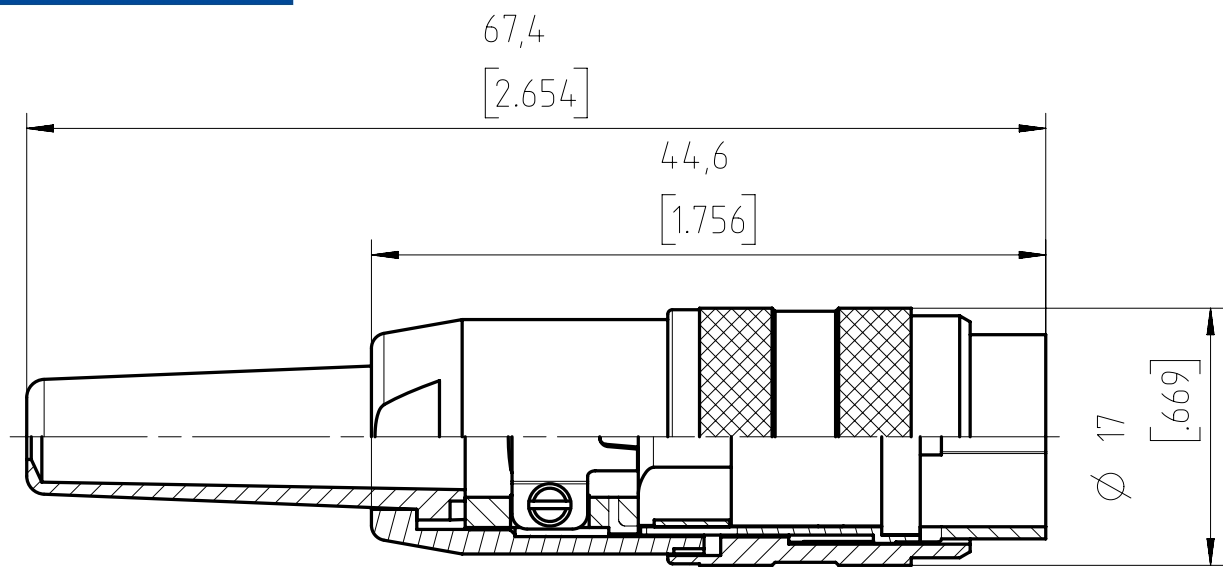


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D	Number of contacts	Standard	3	4	5	5S	6	7	7	8	12	14
	Contact arrangement	DIN EN 61076-2-106	03-a	04-a	05-a	05-b	06-a	07-a	07-b	08-a	12-a	14-a
	Contact arrangement	IEC 60130-9 ¹⁾			-			-			-	
	Rated voltage ²⁾	IEC 60664-1	300 V (100 V)	300 V (63 V)	100 V (32 V)	300 V (63 V)	100 V (32 V)				150 V (32 V)	
E	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									
C	Insulation group	IEC 60664-1	II, 400 ≤ CTI < 600									
	Current rating	IEC 60512-5-2 UL 1977	5A/+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									
B	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 (in mated condition)									
	Insertion and withdrawal force	IEC 60512-13-2	25N	30N	35N	50N	55N	60N	50N			
A	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		crimp									
	Wire gauge		2-6 pol (exclusive 5S): 0,09-1,0mm ² / 28-18 AWG 5S, 7, 7S, 8pol: 0,09-0,75mm ² / 28-20 AWG								0,09-0,25mm ² / 28-24 AWG	
	Flamability		UL 94 V0									
	locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 0,7Nm									

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 60644-1 are fulfilled
⁴⁾ under operating conditions >10⁸ Ohm

All technical data have been measured in a laboratory environment and can be different during pratical 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 551 U
	12 (12-a)	T 3635 551 U
	8 (08-a)	T 3504 551 U
	7 (07-b)	T 3484 551 U
	7 (07-a)	T 3475 551 U
	6 (06-a)	T 3400 551 U
	5 (05-b)	T 3356 551 U
	5 (05-a)	T 3360 551 U
	4 (04-a)	T 3300 551 U
	3 (03-a)	T 3260 551 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. IEC 61076-2-106)	Part number

Gewicht (errechnet) / Calc WT: g

Prüfmaß / Testdimension

Teileindex
Partindexnumber

Zul. Abw./Tolerances:

2015
Gez.
Gepr.
Checked

Datum/Date
06.03.

Name
Mohrlang

Maßstab / Scale: 2:1

A3

CUSTOMER DRAWING

Kabelstecker gerade
male cable connector

Amphenol-Tuchel
Electronics GmbH

M HA T 3XXX 551 U

Blatt/Sheet
1
1 Bl.

Index

Änderung/Description

Datum/Date

Name

Ers. f. / Replacement for: M-HA T 3XXX 551 U Rev01

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