



	14 (14-a)	T 3650 055 U
	12 (12-a)	T 3635 055 U
	8 (08-a)	T 3504 055 U
	7 (07-b)	T 3484 055 U
	7 (07-a)	T 3475 055 U
	6 (6-a)	T 3400 055 U
	5 (05-b)	T 3356 055 U
	5 (05-a)	T 3360 055 U
	4 (04-a)	T 3300 055 U
	3 (03-a)	T 3260 055 U
	2 (Pin 1+3)	T 3200 055 U
Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	Part number

Number of contacts	Standard	3	4	5	5	6	7	7	8	12	14
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
Contact arrangement	IEC 60130-9 ¹⁾	yes	no	yes	no	yes	no	yes	no		
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)	100 V (32 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
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, please order contacts separately acc. to drawing M-N 01 015 00XX X (3-8pol) or M-N 01 010 0158 X (12-14pol)									
termination technique		crimp									
wire gauge		0,09-1,0mm ²		0,09-0,75 mm ²	0,09-1,0 mm ²	0,09-0,75mm ²			0,09-0,25mm ²		
flamability		UL 94 VO									
locking system		metal screw coupling; tightening torque 0,7 - 1,5 Nm									

Gewicht (errechnet) / Calc WT:		Zul. Abw./Tolerances:	
Prüfmaß / Testdimension		ISO 2768-c	
Teileindex / Partindexnumber:		DIN / ISO 13715	
Bagatelle change:			
Gez. Drawn	15.06.2021	Gepr. Checked	16.06.2021
MCARL		MBERTSCH	
Status Released		Name	
Amphenol Tuchel Industrial GmbH		Date	
02	202100006	15.06.2021	MCARL
Index	Änderung/Description	Datum/Date	Name

Maßstab / Scale: 2:1	A3	
CUSTOMER DRAWING		
Male cable connector r/a for cable diameter 4-6mm		
M KA T 3XXX 055 U	Blatt/Sheet 1	1 Bl.
Ers. f. / Replacement for: M KA T 3XXX 055 U		

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¹⁾ Edition 2000-05
²⁾ values in brackets are according to DIN EN 61076-2-106
³⁾ under operating conditions >10⁸ Ohm

Do not connect or disconnect under load. Metal housing parts shall be securely incorporated to protected ground. 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 ("Beschaffensgarantie" or "Haltbarkeitsgarantie").