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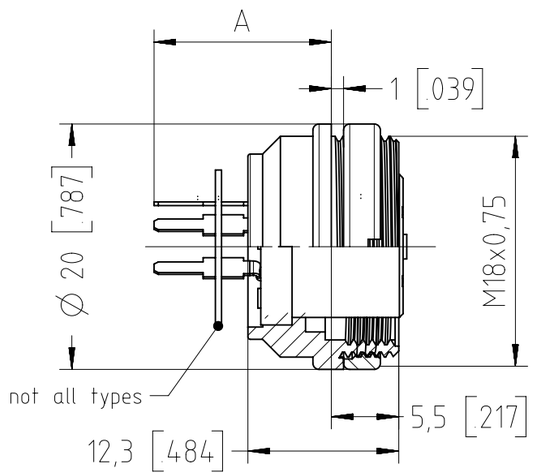
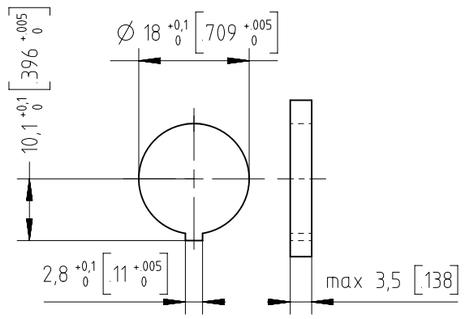


Panel Cutout
M1.1



Number of contacts	Standard	2+3[1]	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[2]			-			-			-	
Rated voltage[3]	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[3]	IEC 60664-1	1500 V (840 V)			1200 V (500 V)	1500 V (840 V)		1200 V (500 V)			
Pollution degree[3]	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	5A/+40°C/+104°F								3A/+40°C/+104°F	
Insulation resistance	IEC 60512-3-1	>10^{10} Ω[4]									
Contact resistance	IEC 60512-2-1	<5m Ω									
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	≥500 mating cycles									
Housing material		brass and / or zinc die cast, nickel plated									
Dielectric material		thermoplastic									
Contacts		siver plated									
Termination technique		solder									
Flamability		UL 94 V0									
locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling, tightening torque 0,7Nm									

[1] 2 contact version: contact loading 1+3
[2] Edition 2000-05
[3] values in brackets are according to DIN EN 61076-2-106
[4] under operating conditions >10^{8} Ohm

All technical data have been measured in a laboratory environment and can be different during pratical usage of the product. Any product informtion is for descriptive usage only and not legally binding; particulary the information does not constitute or provide any legal guaranties.
Do not connect or disconnect under load. Metal housing parts shall be securely incoporated to protected ground.
Parts according to directive 2002/95/EG (RoHS).
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.

	14 (14-a)	12 (12-a)	8 (08-a)	7 (07-b)	7 (07-a)	6 (6-a)	5 (05-b)	5 (05-a)	4 (04-a)	3 (03-a)	2 (Pin 1+3)
	T 3653 400 U	T 3638 400 U	T 3507 400 U	T 3487 400 U	T 3478 400 U	T 3403 400 U	T 3359 400 U	T 3363 400 U	T 3303 400 U	T 3263 400 U	T 3203 400 U
	T 3653 420 U	T 3638 420 U	T 3507 420 U	T 3487 420 U	T 3478 420 U	T 3403 420 U	T 3359 420 U	T 3363 420 U	T 3303 420 U	T 3263 420 U	T 3203 420 U
	T 3653 430 U	T 3638 430 U	T 3507 430 U	T 3487 430 U	T 3478 430 U	T 3403 430 U	T 3359 430 U	T 3363 430 U	T 3303 430 U	T 3263 430 U	T 3203 430 U

Contact arrangement View on mating side	Number of contacts (Contact arrangement acc. DIN EN 61076-2-106)	A=10,5mm [.413]	A=14,5mm [.413]	A=19,5mm [.413]

Gewicht (errechnet) / *Calc WT* :
Prüfmaß / *Testdimension*
Teileindex
Partindexnumber

Zul. Abw. / *Tolerances* : DIN / ISO 13715

Maßstab / *Scale* : 2:1; 1:1 | A3

CUSTOMER DRAWING

	Datum / *Date*	Name
Gez. / *Drawn*	13.01.2016	MCARL

Status: Released
Inspector: 14.01.2016 MGRIM

Female receptacle
rear mounting, dip solder

Amphenol-Tuchel Electronics GmbH

M GA T 3XXX 4X0 U

Blatt / *Sheet* 1 | 1 Bl.

Ers. f. / *Replacement for* : M-GA T 3XXX 4X0 U Index 01

Index	Änderung / *Description*	Datum / *Date*	Name
02	201600004	13.01.2016	MCARL

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