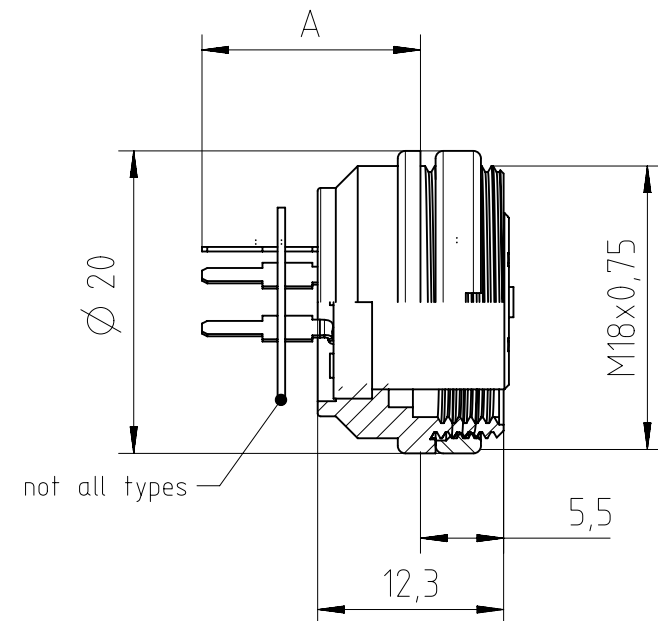
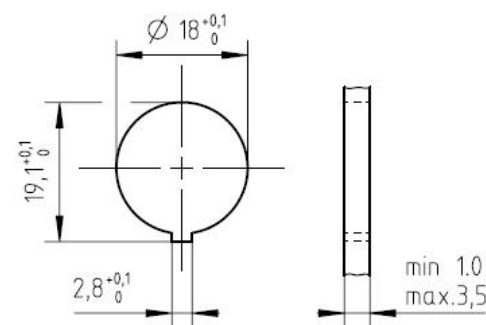


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Panel cutout M1:1



Number of contacts	Standard	2+3 ¹⁾	4	5	5	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⁾	yes		no	yes		no	yes		no		
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 (1500 V)			1200 V (800 V)	1500 V (1500V)		1200 V (800 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	10A/+40°C		7A/+40°C							3A/+40°C	
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	≥1000 mating cycles										
Housing material		brass and / or zinc die cast, nickel plated										
Dielectric material		thermoplastic										
Contacts		gold plated										
Termination technique		solder										
Flamability		UL 94 V0										
locking system	IEC 60130-9 DIN EN 61076-2-106	metal screw coupling; tightening torque 0,7 - 1,5 Nm										

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 >10⁸ Ohm

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

	14 (14-a)	T 3653 404 U	T 3653 424 U	T 3653 434 U
	12 (12-a)	T 3638 404 U	T 3638 424 U	T 3638 434 U
	8 (08-a)	T 3507 404 U	T 3507 424 U	T 3507 434 U
	7 (07-b)	T 3487 404 U	T 3487 424 U	T 3487 434 U
	7 (07-a)	T 3478 404 U	T 3478 424 U	T 3478 434 U
	6 (6-a)	T 3403 404 U	T 3403 424 U	T 3403 434 U
	5 (05-b)	T 3359 404 U	T 3359 424 U	T 3359 434 U
	5 (05-a)	T 3363 404 U	T 3363 424 U	T 3363 434 U
	4 (04-a)	T 3303 404 U	T 3303 424 U	T 3303 434 U
	3 (03-a)	T 3263 404 U	T 3263 424 U	T 3263 434 U
	2 (Pin 1+3)	T 3203 404 U	T 3203 424 U	T 3203 434 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: 12,983 g		Zul. Abw./Tolerances:		Maßstab / Scale: 2:1 1:1		A3					
Prüfmaß / Testdimension		ISO 2768-c		CUSTOMER DRAWING							
Teileindex / Partindexnumber:		DIN / ISO 13715									
Bagatelle change:		Gez. 13.01.2016		Female receptacle rear mounting, dip solder							
		Drawn MCARLE									
		Status Released									
		Gepr. 16.06.2021		Amphenol Tuchel Industrial GmbH							
		Checked MBERTSCH									
01	20210006	15.06.2021	MCARL	M GA T 3XXX 4X4 U		Blatt / Sheet 1 Bl.					
Index	Änderung / Description	Datum / Date	Name								
				Ers. f. / Replacement for:							

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