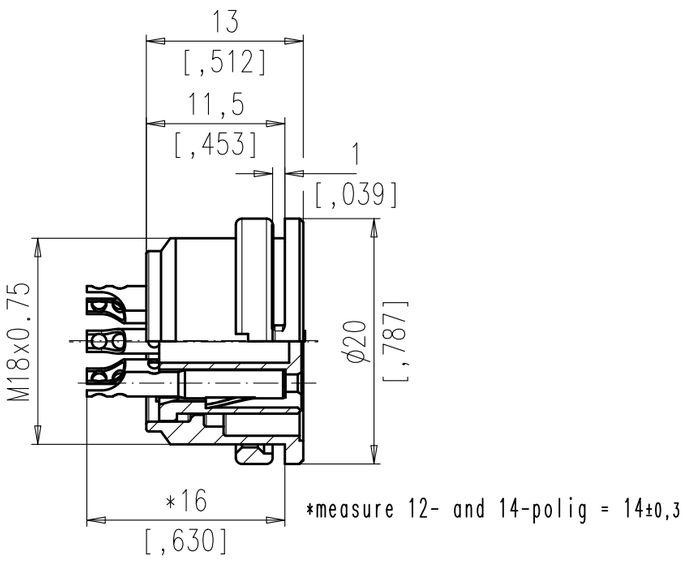
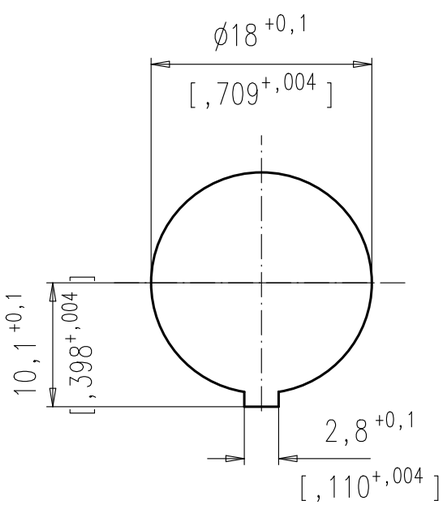
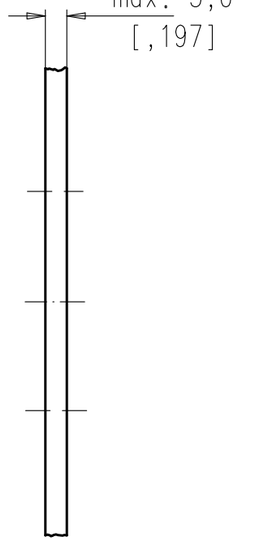
Copying of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.

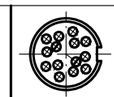
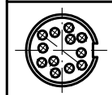
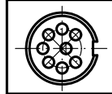
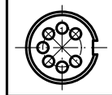
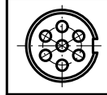
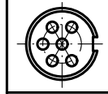
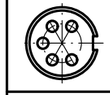
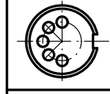
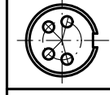
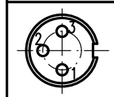


Montageausschnitt
Panel Cutout





Polzahl number of contacts	Norm standard	3	4	5	5	6	7	7	8	12	14
Kontaktanordnung nach DIN contact arrangement acc. to DIN Kontaktanordnung nach IEC contact arrangement acc. to IEC		41524 60130-9	- 60130-9	- -	41524 60130-9	45322 60130-9	- -	45329 60130-9	45326 60130-9	- -	- -
Bemessungsspannung rated voltage	IEC 60664-1	300V =			100V =	300V =		100V =		150V =	
Bemessungsspannung rated voltage	UL 1977	250V								60V	
Bemessungs-Stoßspannung rated impulse withstand voltage	IEC 60664-1	1500V			1200V	1500V		1200V			
Verschmutzungsgrad pollution degree	IEC 60664-1	1									
Überspannungskategorie installation category	IEC 60664-1	I									
Isolierstoffgruppe insulation group	IEC 60664-1	II, 400 ≤ CTI < 600									
Strombelastbarkeit current rating	IEC 60512-5-2 Test 5b UL 1977	5A / +40°C / +104°F								3A / +40°C / +104°F	
Isolationswiderstand insulation resistance	IEC 60512-3-1 Test 3a	>10 10 Ω									
Durchgangswiderstand contact resistance	IEC 60512-2-1 Test 2a	< 5m Ω									
Prüfklasse climatic category	IEC 60068-1	40 / 100 / 56									
Temperaturbereich temperatur range	IEC 60068-1	-40°C ... +100°C -40°F ... +212°F									
IP-Schutzart IP-degree	IEC 60529	IP 40									
Steck- und Ziehkraft Insertion and withdrowal forces	IEC 60512-13-2 Test 13b	25N 90.oz	30N 110.oz	35N 125.oz	50N 180.oz	55N 200.oz		60N 220.oz		50N 180.oz	
Mechanische Lebensdauer mechanical operation	IEC 60512-9-1 Test 9a	silber/silver ≥ 500 Steckzyklen/mating cycles									
Werkstoff Gehäuse housing material		Überwurfmutter Messing, Zugentlastung Zink-Druckgu? Oberfläche vernickelt coupling ring brass, strain relief, die cast, nickel plated									
Werkstoff Kontaktträger dielectric material		Thermoplast thermoplastic									
Kontaktoberfläche contact plating		See right table									
Anschlusstechnik termination technique		löten solder									
Anschlussquerschnitt wire gauge		löten/solder ≤ 0,5 mm² / 20AWG								≤0,25 mm² / 24 AWG	
Brennbarkeit flammability		UL 94 V0									
Verriegelung locking system	IEC 60130-9	schrauben: Anziehdrehmoment 0,7Nm metal screw coupling: tightening torque 0,7Nm									

	SYMBOL symbol	POLZAHL number of contacts	TYP-NUMMER-AG type-number-AG	TYP-NUMMER-Au type-number-Au
		14	T 3653 000 U	T 3653 004 U
		12	T 3638 000 U	T 3638 004 U
		8 IEC	T 3507 000 U	T 3507 018 U
		7 IEC	T 3487 000 U	T 3487 018 U
		7	T 3478 000 U	T 3478 018 U
		6	T 3403 000 U	T 3403 018 U
		5	T 3363 000 U	T 3363 018 U
		5 IEC	T 3363 010 U	T 3359 018 U
		4	T 3303 000 U	T 3303 018 U
		3 2	T 3263 000 U T 3203 000 U (Pin1+3)	T 3263 018 U T 3203 018 U(Pin1+3)

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 ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

Parts according to directive 2002/95/EG (RoHS)

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

Index	Änderung/Description	Datum/Date	Name
01	200900702	06.12.11	AL

Gewicht (errechnet)/Calc WT: 9
Prüfmaß/Testdimension
Teileindex
Partindexnumber

Zul. Abw./Tolerances:
DIN/ISO 13715

	Datum/Date	Name
11		
Gez. Drawn	06.12.	Aaron.Liu
Gepr. Checked		

Amphenol-Tuchel Electronics GmbH

Maßstab/Scale 2:1 | A3

CUSTOMER DRAWING

Gerätedose
Female receptacle

M NA T 3XXX 0XX U

Blatt/Sheet 1 | 1 Bl.

Ers. f./Similar to:

Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.

Downloaded from Arrow.com.