



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



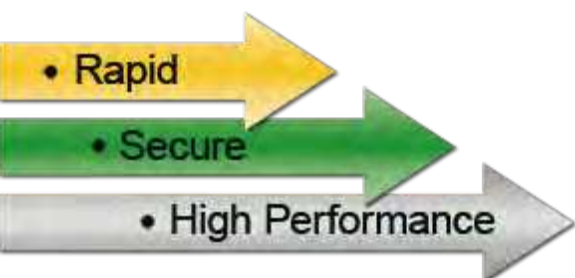
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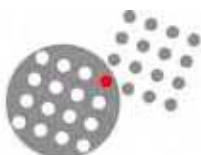
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UTS series IP68 / IP69K Plastic Connectors

Part of the TRIM TRIO® interconnect system



SOURIAU
Connection Technology



Company Profile

SOURIAU

The extreme environment interconnect specialist «from deep sea to deep space»

The company designs, manufactures and markets high performance interconnect solutions for severe environments from industrial broadband and universal ranges to complex system with integrated functions: filtering, high speed data transmission, hermetic seal, separation mechanism, remote handling, underwater mating, ...



Industrial



Aeronautical



Equipment & System

The dedicated end markets for SOURIAU's products are aeronautical, defense-space and industrial



*Railway
Geophysics
Manufacturing environment
Instrumentation
Automation & process
Motorsport*



*Civil & military aircraft
Helicopter
Weapon delivery system
Avionics*



*Military marine
Communications
Satellites
Launcher & missile*

SOURIAU was established in 1977 and has been created by successive acquisitions of the industrial, aeronautical, defense and space activities of SOURIAU, JUPITER and BURNDY.

The Group's products are engineered and manufactured in the USA and Dominican Republic, Europe and Morocco, Japan and India, and sold by a worldwide sales and marketing organization, and in addition to SOURIAU's offices, a large network of licensed distributors and agents.

SOURIAU complies with most of national and international Quality Assurance Standards, production unit with ISO 14001

**Quality Certificate
Management System**

ISO 9001

**Environment Certificate
Management System**

ISO 14001

**Quality Certificate
Management System**

Aeronautic Industry : EN 9100


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Overview




Description

IP68 / IP69K plastic circular connector with rapid locking system

UTS is the latest addition to the well known TRIM TRIO® interconnect system. UTS is a range of industrial circular multiway connectors.


The keywords for the new UTS are: Rapid - Secure - High performance

• Rapid




Rapid refers to the locking system and the total installed cost starting with the wiring & cabling and ending with the installation to the customers equipment. Rapid also refers to the total service on price request, samples and production deliveries.

• Secure



The secure locking system together with the secure and versatile TRIM TRIO® contacts are giving confidence to both the connection and the customer's equipment. Moreover UTS is part of the well-known TRIM TRIO® interconnect system with its more than 40 years of field experience.

• High Performance



Extreme performance on water protection even in dynamic situations this in combination with a rapid and secure locking system makes UTS suitable for any high performance application.

UTS
page 11-18



UTS discrete wire sealing
page 19-24



UTS Hi seal
page 55-62



UTS screw termination contacts - *page 63-66*



UTS RJ45
page 67-70



UTS provides a connection that performs faster, easier, safer and more reliable, it makes :
UTS : Your first choice in waterproof connectors !



Overview

UTS, part of the TRIM TRIO® interconnect system
Any TRIM TRIO® contact can be used in any combination in any connector style

Contacts*



Machined



Stamped & formed



Coax



Fibre Optic



UTP
Simplicity



UTS Sealed
Plastic**



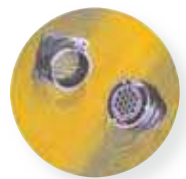
UTG
Intensive Use



UTO Full Metal
& Shielding



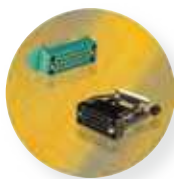
MBG Ultra
Intensive Use



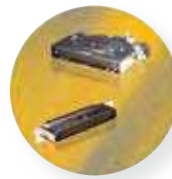
UTV Highly
Ruggedized



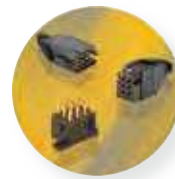
MSM/MSO
High Density



V.35
High Density
DTE/DCE



MSG/MB
High Density
Low Profile



SMS
Quick Mating

* Only valid for contact #16 / **Except pre-equipped connectors

UTS : Your first choice in waterproof connectors !



Overview

UTS contact arrangements

Size 8						
2	3	3A/98	4	33		
Contacts : 2 Ø 1 (#20)	Contacts : 3 Ø 1 (#20)	Contacts : 3 Ø 1 (#20)	Contacts : 4 Ø 1 (#20)	Contacts : 3 Ø 1 (#20)		

Size 10						
2W2	3 (2+PE)	3W3	4	6	7	98
Contacts : 2 Ø2.4 (#12) 2 Ø1.0 (#20)	Contacts* : 3 Ø 1.6 (#16)	Contacts : 3 Ø 1.6 (#16) 3 Ø 1.0 (#20)	Contacts : 4 Ø 1.6 (#16)	Contacts : 6 Ø 1 (#20)	Contacts : 7 Ø 1 (#20)	Contacts : 6 Ø 1 (#20)

Size 12						
2	3	4 (3+PE)	8	8	10	14
Contacts : 2 Ø 1.6 (#16)	Contacts : 3 Ø 1.6 (#16)	Contacts* : 4 Ø 1.6 (#16)	Contacts : 8 Ø 1.6 (#16)	Contacts : 8 Ø 1 (#20)	Contacts : 10 Ø 1 (#20)	Contacts : 14 Ø 1 (#20)

Size 14						
5	7 (6+PE)	12	12	15	18	19
Contacts : 5 Ø 1.6 (#16)	Contacts* : 7 Ø 1.6 (#16)	Contacts : 12 Ø 1.6 (#16)	Contacts : 8 Ø 1 (#20) 4 Ø 1.6 (#16)	Contacts : 14 Ø 1 (#20) 1 Ø 1.6 (#16)	Contacts : 18 Ø 1 (#20)	Contacts : 19 Ø 1 (#20)

* Arrangements with advanced grounding cavity (For other arrangements, First Mate, Last Break contacts are available - see from page 27)

UTS : Your first choice in waterproof connectors !



Overview

Size 18

11	23	32	30	RJ45
Contacts : 11 Ø 1.6 (#16)	Contacts : 23 Ø 1.6 (#16)	Contacts : 32 Ø 1 (#20)	Contacts : 29 Ø 1 (#20) 1 Ø 1.6 (#16)	

- UTS standard version
- UTS Hi seal version
- ▲ UTS discrete wire sealing version
- UTS with screw contact termination
- In-Line version

For specific arrangements, please consult us

Working voltage according to VDE & UL standards

			VDE0110	UL1977	
			Overvoltage class III, pollution degree 2 / IEC 60664-1 (equivalent)	Type 2	
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;"> #16 Ø 1.6 mm </div> <div style="margin-bottom: 10px;"> #20 Ø 1.0 mm </div> <div> Mixed¹ </div> </div>	Shell size	Nb of contacts	320 V*	500 V**	
	10	3	400 V*	125 V	500 V**
	12	4			
	14	7			
	10	4	125 V	250 V**	
	12	8			
14	12				
18	23 ¹	125 V	500 V		
10	6	200 V			
12	10	50 V		250 V	
14	19				
18	32 ¹				
10	2W2 2 x #12 2 x #20	200 V	500 V		
10	3W3 3 x #16 3 x #20	50 V		250 V	

¹ Not certified

Note : all the written working voltage are in Volts AC/DC

* tested by the VDE organism

** certified by the UL organism (only for shell size 10, 12 & 14)

UTS : Your first choice in waterproof connectors !



UTS series

Major features & benefits



Rapid & secure locking system

- Confidence that the connector is properly mated
- Easy to connect in difficult places
- Minimalised operator fatigue
- Labor saving



Rapid and secure panel mounting

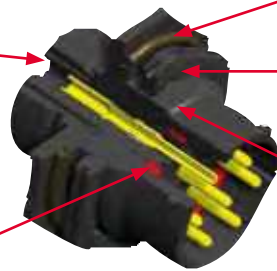
Rear panel mount solution suitable for pre-harnessing and PCB mounting

Captive panel seal

Robust jam nut to guarantee a rapid, secure and vibration proof panel mounting

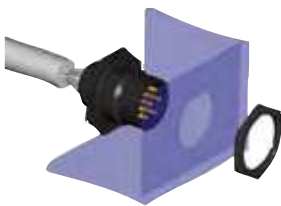
O-ring seal to guarantee sealing between receptacle and plug

D-shape panel cut to ensure correct mounting and to prevent the connector from rotating

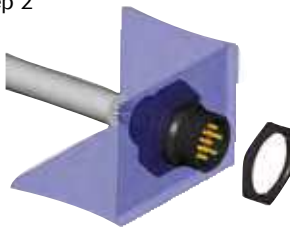


Assembly procedure of jam nut receptacle

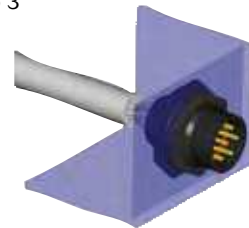
Step 1



Step 2

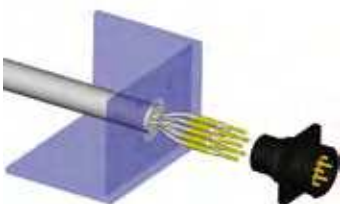


Step 3



Assembly procedure of square flange receptacle

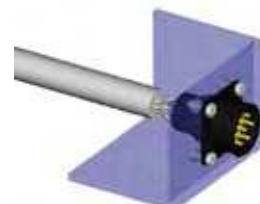
Step 1



Step 2



Step 3



UTS : Your first choice in waterproof connectors !



UTS series



Ergonomic plug design with maximized cabling space and minimized connector length

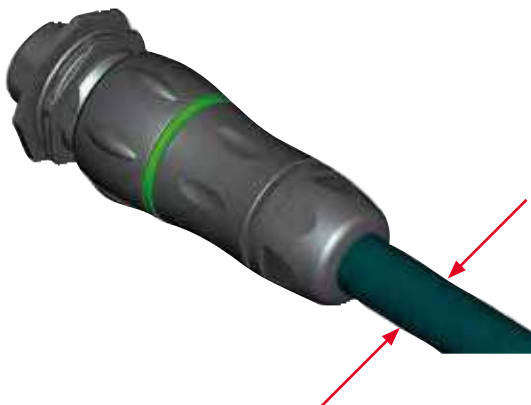
«Easy grip» bayonet coupling ring to allow quick and secure mating

O-ring seal to guarantee sealing between plug and backshell

Colored rings available for visual identification (see accessories page 72)



Backshells ... accepting a wide range of cables



Size 8	1.5 to 6.5 mm
Size 10	1.5 to 8.0 mm
Size 12	3.0 to 12.0 mm
Size 14	5.0 to 14.0 mm
Size 18	7.0 to 18.0 mm

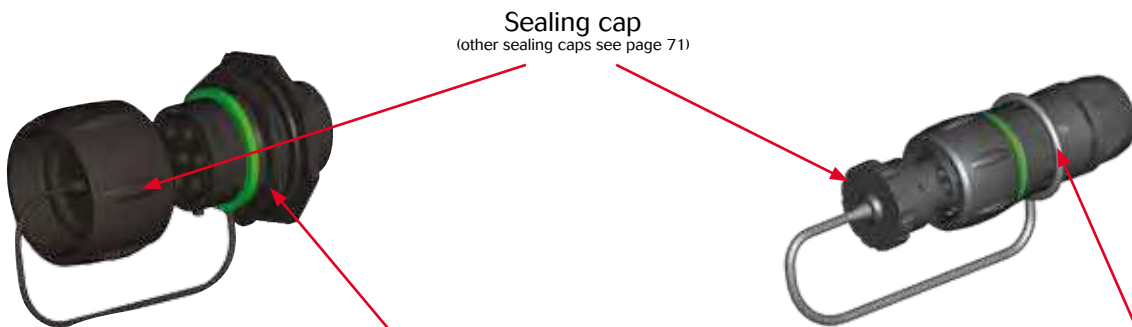
Low installed cost with reduced number of components



Sealing caps ... easy to install ... at any time

➡ Receptacle sealing cap

➡ Plug sealing cap



- easy attachment to connector at any time

- easy attachment to connector at any time

UTS : Your first choice in waterproof connectors !



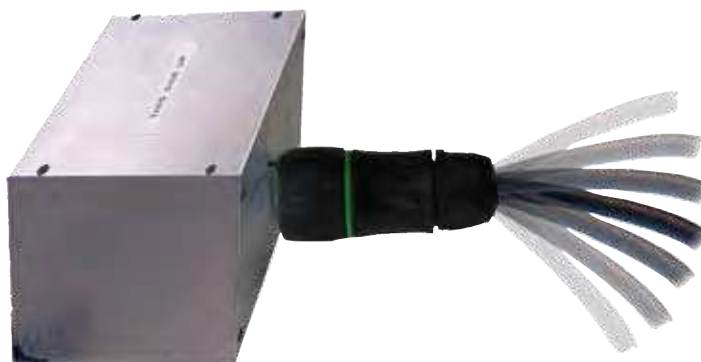
Extreme environmental sealing performance

➡ IP68 / IP69K sealing ... even in dynamic situations

➡ Dynamic IP68

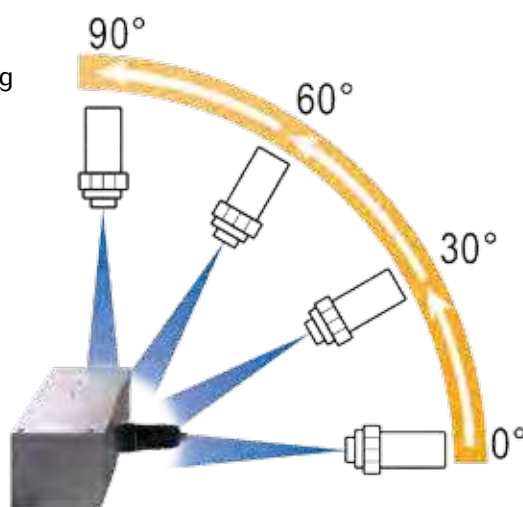
Connector will remain IP68 even when:

- Pulling on the cable
- Bending the cable



➡ Dynamic IP69K

Connector withstands high pressure water cleaning



UTS : Your first choice in waterproof connectors !



Description

IP68/IP69K - Plastic connector

- UTS series is a range of industrial plastic circular connectors offering **IP68/IP69K water protection**.
4 shell sizes - up to 32 contact positions - are available with different contact styles in size 16 & size 20:
 - Machined contacts
 - Stamped & formed contacts
 - Coax contacts
 - Fibre optic contacts
- Other typical UTS features are:
 - Rapid & secure locking system
 - Extreme environmental sealing performances
 - Easy visual identification
 - Rapid wiring, cabling & installation
 - Suitable for a wide range of industrial applications

UTS : Your first choice in waterproof connectors !



Technical characteristics

Mechanical

- Durability: 250 matings & unmatings
- Vibration resistance: Sinusoidal vibrations per CEI 60512-4 - from 10 to 2000 Hz
5 cycles 30 min. from -40°C to 105°C
- Thermal shock: 5 cycles 30 min. from -40°C to 105°C per MIL-STD 1344 method 1003

Electrical

- Current per contact max.:
Size 16: 13A
Size 20: 7.5A - machined contact
5A - stamped & formed contact
- Insulation resistance: $\geq 5000 \text{ M}\Omega$
- Test potential: 2000 VAC - #16 contact
1500 VAC - #20 contact
- Working voltage: up to 400 V class III, PD 2 as per VDE
up to 500 V as per UL1977
see page 7 for more details

Environmental

- Operating temperature: -40°C to + 105°C
- Flammability rating: UL94-V0
- Salt spray: 500 hours
- Sealing (mated):
Dynamic IP68 - 10 m under water for 1 week per IEC60529
Dynamic IP69K per DIN40050
- UV resistant:
No mechanical degradation or important variation of color after 5 years of exposure in natural environment (equivalence exposure to sun and moisture as per ISO4892)

Material

- Connectors + Backshell: Thermoplastic

Contact accommodation

- UTS connectors accept TRIM TRIO® size 16 or size 20 (depending on arrangement) removable snap-lock contacts
- Contacts to be ordered separately (except PCB versions) - see from page 25 to 54

In accordance with UL requirements (UL ECBT2.E169916 and CSA ECBT8.E169916)



Ordering information

Type	UTS	6	JC	12	10	S
	UTS	7	-	12	10	P
	UTS	1	JC	12	10	S
Connector type						
0 Square flange receptacle						
6 Cable plug						
7 Jam nut receptacle						
1 In-line receptacle						
Rear of the connector						
JC Backshell (only for plug & In-line version)						
Shell size 10 - 12 - 14 - 18						
Number of contacts - see next page						
Contact Gender						
P: Pin contacts / S: Socket contacts						






UTS : Your first choice in waterproof connectors !






UTS

UTS contact arrangements




Size 10

2W2 	3 (2+PE) 	3W3 	4 ♦ 	6 
Contacts : 2 Ø2.4 (#12) 2 Ø1.0 (#20)	Contacts* : 3 Ø 1.6 (#16)	Contacts : 3 Ø 1.6 (#16) 3 Ø 1.0 (#20)	Contacts : 4 Ø 1.6 (#16)	Contacts : 6 Ø 1 (#20)



Size 12

4 (3+PE) 	8 ♦ 	10 
Contacts* : 4 Ø 1.6 (#16)	Contacts : 8 Ø 1.6 (#16)	Contacts : 10 Ø 1 (#20)

Size 14

7 (6+PE) 	12 ♦ 	19 
Contacts* : 7 Ø 1.6 (#16)	Contacts : 12 Ø 1.6 (#16)	Contacts : 19 Ø 1 (#20)

Size 18**

23 ♦ 	32 
Contacts : 23 Ø 1.6 (#16)	Contacts : 32 Ø 1 (#20)

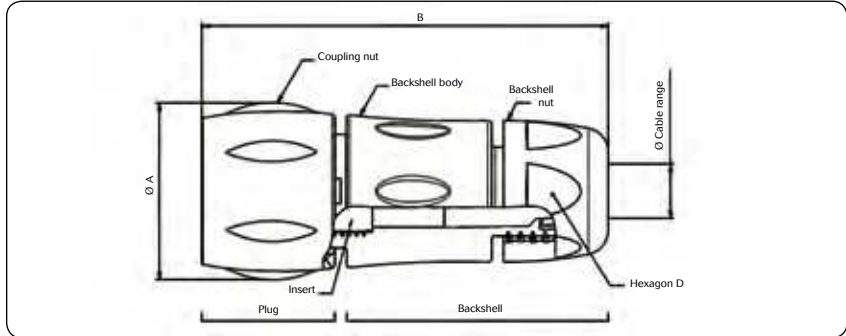
* Arrangements with advanced grounding cavity
 ** For In-line version shell size 18, please consult us

All arrangements are available in plug and jam nut versions.
 Arrangements marked with ♦ are available in square flange version as well.

UTS : Your first choice in waterproof connectors !



Cable plug with backshell for pin & socket contacts



Shell size	Part numbers		Ø A	B	Ø Cable range Standard seal	Ø Cable range Reducing seal	Hexagon D
	Male contact	Female contact					
10	UTS6JC10 --- P	UTS6JC10 --- S	26.7	63.2	2.5 / 8.0	1.5 / 5.0	18.5
12	UTS6JC12 -- P	UTS6JC12 -- S	30.15	66.7	5.0 / 12.0	3.0 / 9.0	24.0
14	UTS6JC14 -- P	UTS6JC14 -- S	35.1	71.5	7.0 / 14.0	5.0 / 12.0	26.0
18	UTS6JC18 -- P	UTS6JC18 -- S	42.0	81.3	9.0 / 18.0	7.0 / 16.0	33.0

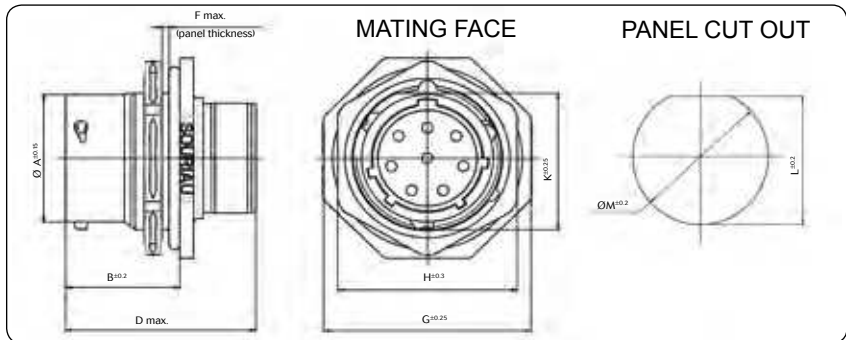
Coloured ring supplied as optional extra (see page 72).

Each plug has 2 seals to cover the specified cable range (see table).

The standard seal is preassembled. The second seal is supplied as loose piece together with a plug.



Jam nut receptacle for pin & socket contacts



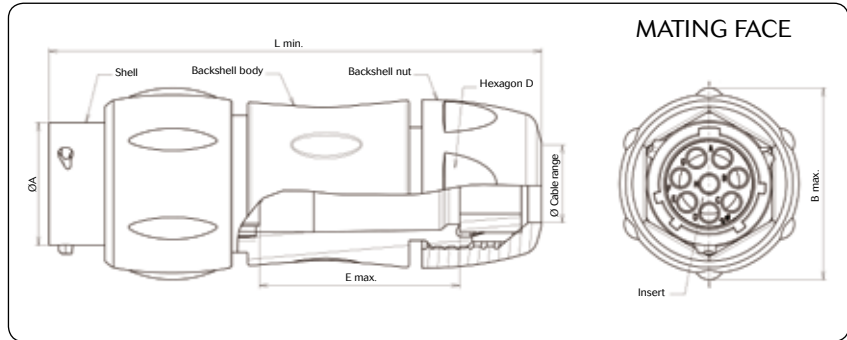
Shell size	Part numbers		Ø A	B	D max	F max	G	H	L	Ø M	Tightening torque
	Male contact	Female contact									
10	UTS710 --- P	UTS710 --- S	14.9	19.3	33.9	3.2	27.0	22.2	16.5	17.7	3 N.m
12	UTS712 -- P	UTS712 -- S	19.0	19.3	33.9	3.2	31.8	27.0	21.2	22.5	4 N.m
14	UTS714 -- P	UTS714 -- S	22.2	19.3	33.9	3.2	34.9	30.2	24.3	25.7	5 N.m
18	UTS718 -- P	UTS718 -- S	28.5	19.3	33.9	3.2	41.3	36.6	30.6	32.0	5 N.m

Coloured ring supplied as optional extra (see page 72).

UTS : Your first choice in waterproof connectors !



In-line receptacle for pin & socket contacts

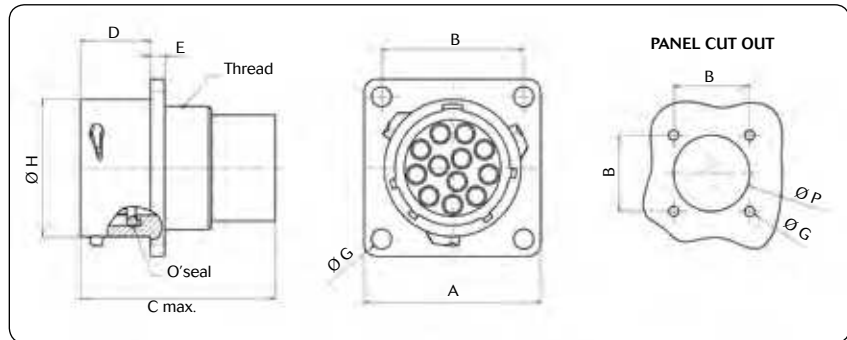


Shell size	Part numbers		Ø A	L min.	B max	Ø Cable range Standard seal	Ø Cable range Reducing seal	Hexagon D	E max	
	Male contact	Female contact							Male	Female
10	UTS1JC10 --- P	UTS1JC10 --- S	14.9	70.0	26.7	2.5/8.0	1.5/5.0	18.5	31.0	38.0
12	UTS1JC12 --- P	UTS1JC12 --- S	19.0	74.0	30.1	5.0/12.0	3.0/9.0	24.0	34.0	41.5
14	UTS1JC14 --- P	UTS1JC14 --- S	22.2	78.5	35.1	7.0/14.0	5.0/12.0	26.0	38.0	45.5
18*	UTS1JC18 --- P	UTS1JC18 --- S	28.5	89.0	42.0	9.0/18.0	7.0/16.0	33.0	46.5	54.0

For shell size 18, please consult us
Coloured ring supplied as optional extra (see page 72).



Square flange receptacle



Shell size	Part numbers		A ^{±0.25}	C max.		D ^{±0.2}	E ^{±0.15}	Ø H ^{±0.15}	Thread	PANEL CUT OUT		
	Male contact	Female contact		Pin	Socket					B ^{±0.25}	Ø G ^{±0.1}	Ø P ^{±0.1}
10	UTS0104P	UTS0104S	23.8	31.7	24.3	11.35	2.3	15.0	9/16 24 UNEF Class 2A	18.3	3.2	15.1
12	UTS0128P	UTS0128S	26.2					19.0	11/16 24 UNEF Class 2A	20.6		18.2
14	UTS01412P	UTS01412S	28.6					22.2	13/16 20 UNEF Class 2A	23.0		21.4
18	UTS01823P	UTS01823S	33.3				2.5	28.5	1" 1/16 18 UNEF Class 2A	27.0		27.8

Coloured ring supplied as optional extra (see page 72).

UTS : Your first choice in waterproof connectors !

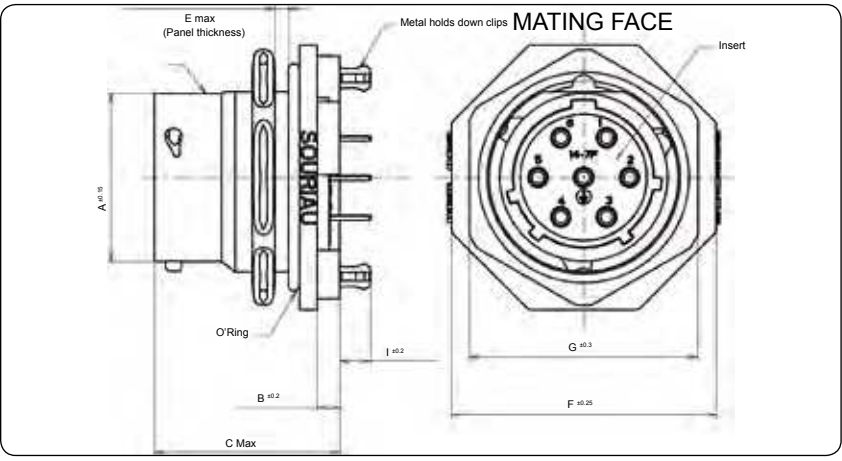
Note : all dimensions are in mm



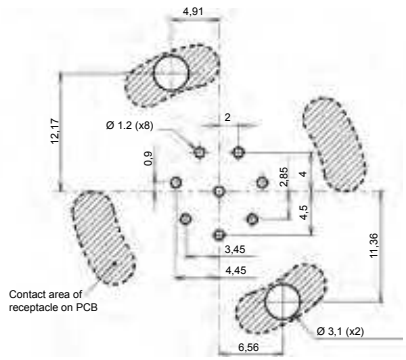
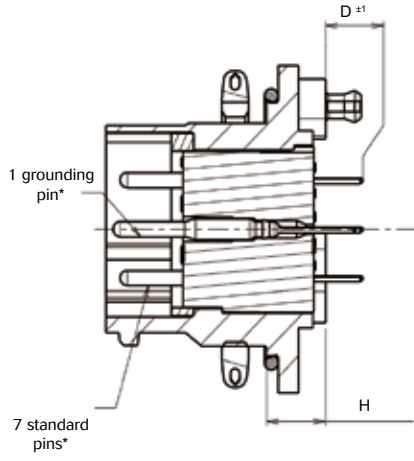
PCB jam nut receptacle for male contacts



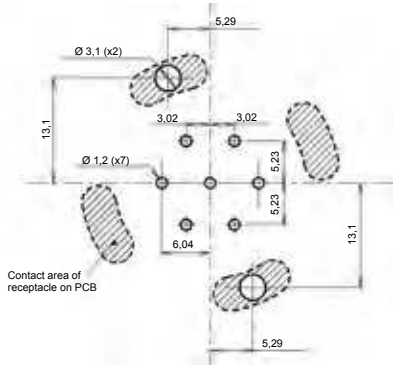
MALE CONNECTOR



DRILLING PATTERNS



UTS7128PSEK9



UTS7147PSEK9

Shell size	Part number	Nb of contacts	Ø A	B	C	D	E	F	G	H	I	J	Ø K
12	UTS7128PSEK9	8	19.0	3.0	25.0	3.6	3.2	31.8	27.0	6.5/6.8	4.0	21.2	22.5
14	UTS7147PSEK9	7	22.14	3.0	25.0	3.6	3.2	34.9	30.2	7.0	4.0	24.3	25.7

* Only for the UTS7147PSEK9 version

Other arrangements upon request.

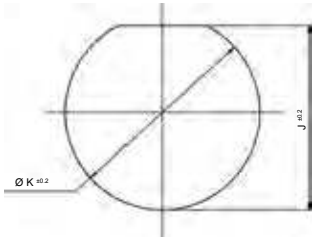
Plating

- Plating for machined contacts
- Plating for stamped contacts

min 0.4 µm gold all over
min 0.4 µm gold in contact area / 3 – 5 µm tin on solder tail

Other platings upon request

PANEL CUT OUT

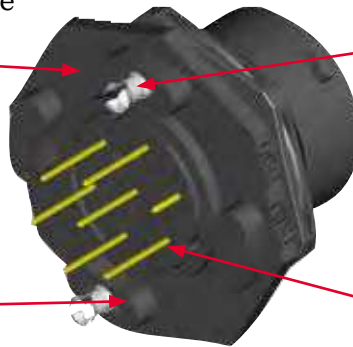


UTS : Your first choice in waterproof connectors !



PCB receptacle ... low profile with rapid installation features

Low profile housing to limit space between panel and PCB



Metal hold down clips

- to lock the connector easily on the PCB and to release stress on solder joints
- Suitable for soldering in a metalised hole

Pre-assembled PCB contacts

- machined or stamped versions available
- different solder tails lengths possible
- different plating options

Stand-offs to allow cleaning after soldering

UTS : Your first choice in waterproof connectors !

UTS discrete wire sealing



Description

Using proven grommet technology from SOURIAU's extensive knowledge of harsh environments, the UTS connector with grommet guarantees a discrete wire sealing rated to IP67 (up to IP68 / IP69k for the easy handling version - with ergonomic backshell).

- UTS version with grommet is a range of connectors offering **IP67/69K water protection** thanks to the three sealing barriers where membranes are pierced when a termination wire is loaded. Sealing level can reach IP68 / IP69K with a backshell.
- UTS with grommet is available :
 - In 3 shell sizes up to 12 contact positions
 - With female plug & male receptacle
- Major benefits for the UTS version with grommet are :
 - A discrete sealing solution
 - Easy to assemble
 - Ideal for Outdoor / Indoor applications

No filler plug needed !



Plug or
Jam nut receptacle



Containment
ring

Grommet



Straight backshell
or nut

UTS : Your first choice in waterproof connectors !

UTS discrete wire sealing



Technical characteristics

Mechanical

- Durability: 250 matings & unmatings
- Vibration resistance: Sinusoidal vibrations per CEI 60512-4 - from 10 to 2000 Hz
- Thermal shock: 5 cycles 30 min. from -40°C to 105°C per MIL-STD 1344 method 1003
- Wire insulation: Ø from 1.7 to 3.0 mm

Electrical

- Current per contact max.: 13A
- Insulation resistance: ≥ 5000 MΩ
- Test potential: 2000 VAC
- Working voltage: up to 400V class III, PD 2 as per VDE up to 500V as per UL1977 see page 7 for more details

Environmental

- Operating temperature: -40°C to + 105°C
- Flammability rating: UL94-V0
- Salt spray: 500 hours
- Sealing (mated): IP67/69K (up to IP68/69K with the easy handling backshell)
- UV resistant: No mechanical degradation or important variation of color after 5 years of exposure in natural environment (equivalence exposure to sun and moisture as per ISO4892)

Material

- Connectors + Backshell: Thermoplastic

Contact accommodation

- UTS connectors accept TRIM TRIO® size 16 or size 20 (depending on arrangement) removable snap-lock contacts
- Contacts to be ordered separately - see from page 25 to 54

In accordance with UL requirements (UL ECBT2.E169916 and CSA ECBT8.E169916)

Ordering information

Type		UTS	6	G	JC	14	12	S
		UTS	7	G	N	14	12	P
		UTS	1	G	N	14	12	P
Connector type								
1		In-line receptacle						
6		Cable plug						
7		Jam nut receptacle						
Grommet								
Rear of the connector								
JC		Backshell						
N		Nut						
Insert arrangements	10	12	14					
Number of contacts	4	8	7 - 12					
Contact Gender								
P	Pin contacts - only for receptacle							
S	Socket contacts - only for cable plug							

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UTS discrete wire sealing

UTS discrete wire sealing contacts arrangements

Size 10

4

Contacts :
4 Ø 1.6 (#16)

Size 12

8

Contacts :
8 Ø 1.6 (#16)

Size 14

7

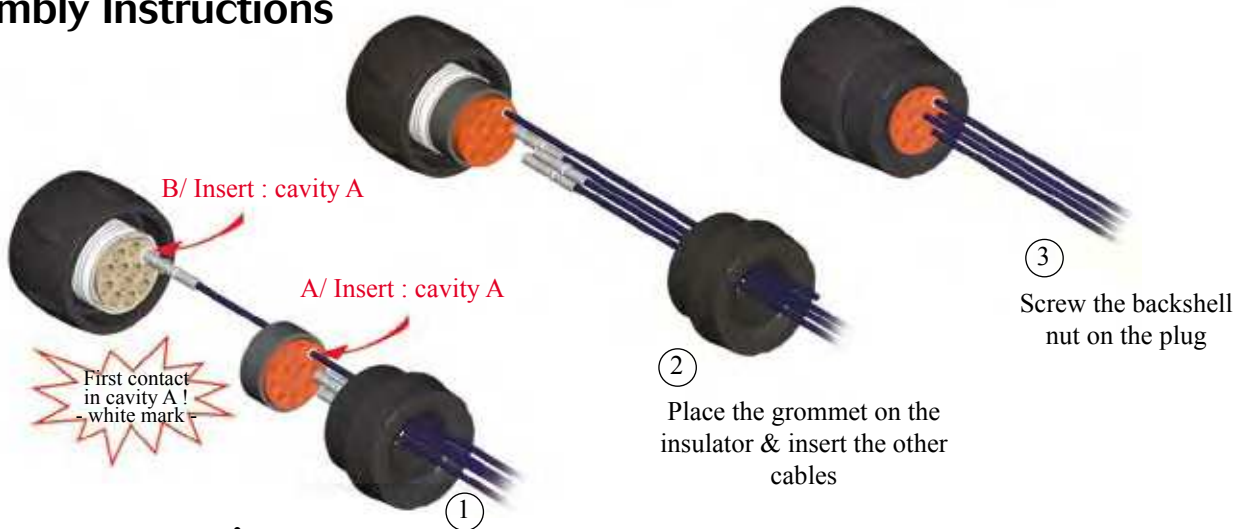
Contacts* :
7 Ø 1.6 (#16)

12

Contacts :
12 Ø 1.6 (#16)

All arrangements are available in plug and jam nut versions.

Assembly Instructions



Range presentation

Female plug + Grommet + Backshell

Shell size	Layout	Part numbers Female contact	A	B min.	Ø Cable range Standard seal	Ø Cable range Reducing seal	Hexagon D
10	10-4	UTS6GJC104S	26.2	61.5	2.5/8.0	1.5/5.0	18.5
12	12-8	UTS6GJC128S	29.7	64.5	5.0/12.0	3.0/9.0	24.0
14	14-7 14-12	UTS6GJC147S UTS6GJC1412S	34.6	70.0	7.0/14.0	5.0/12.0	26.0

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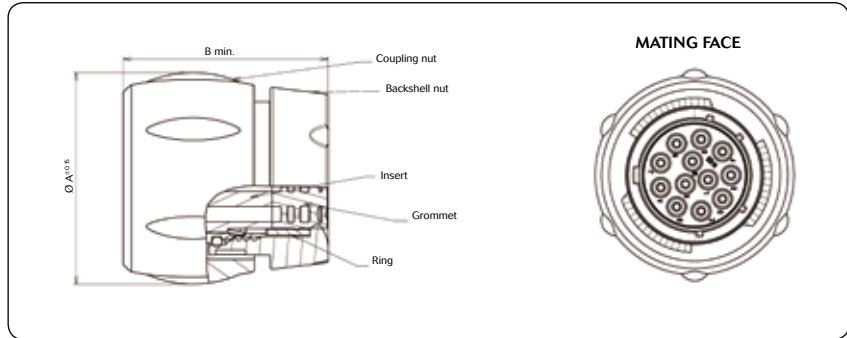
Note : all dimensions are in mm / Coloured ring supplied as optional extra (see page 72).



UTS discrete wire sealing



Female plug + Grommet + Backshell nut

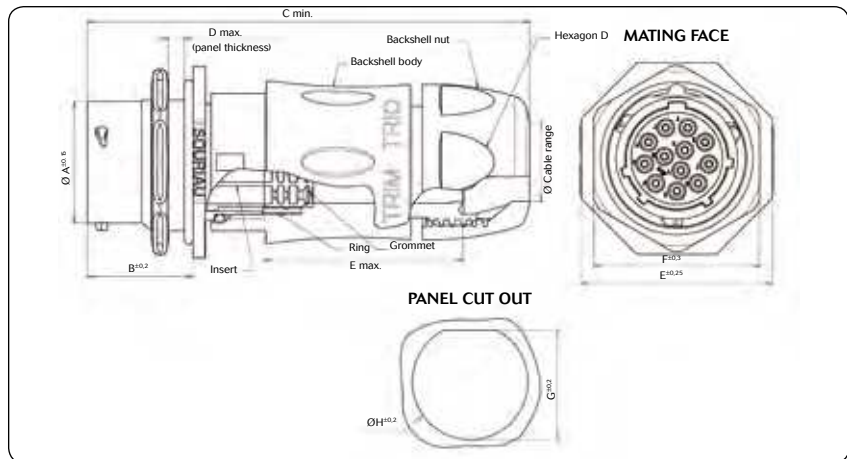


Shell size	Layout	Part numbers Female contact	A	B min.
10	10-4	UTS6GN104S	26.2	.5
12	12-8	UTS6GN128S	29.7	32.3
14	14-7 14-12	UTS6GN147S UTS6GN1412S	34.6	32.0

Coloured ring supplied as optional extra (see page 72).



Male jam nut receptacle + Grommet + Backshell



Shell size	Layout	Part numbers Male contact	Ø A	B	C	D	E ± 0.25	F	G	Ø H	Ø Cable range Standard seal	Ø Cable range Reducing seal	E
10	10-4	UTS7GJC104P	14.9	19.3	70.5	3.2	27.0	22.2	16.5	17.7	2.5 / 8	1.5 / 5	29.2
12	12-8	UTS7GJC128P	19.0	19.3	74.0	3.2	31.8	27.0	21.2	22.5	5 / 12	3 / 9	32.7
14	14-7 14-12	UTS7GJC147P UTS7GJC1412P	22.2	19.3	80.5	3.2	34.9	30.2	24.3	25.7	7 / 14	5 / 12	36.7


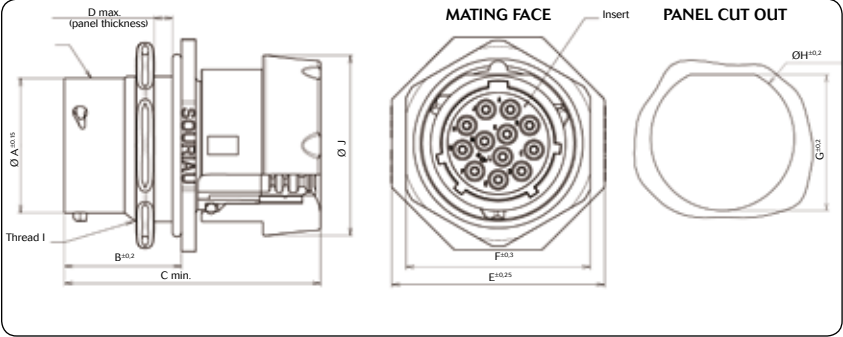
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Note : all dimensions are in mm

UTS discrete wire sealing


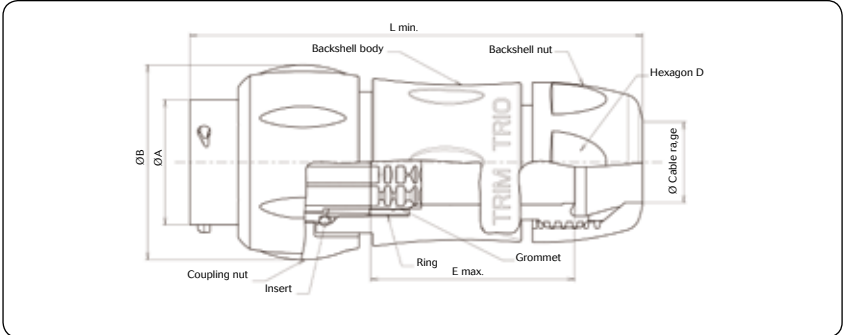


Male jam nut receptacle + Grommet + Backshell nut

Shell size	Layout	Part numbers Male contact	Ø A	B	C	D	E	F	G	Ø H	Ø J
10	10-4	UTS7GN104P	14.9	19.3	41.0	3.2	27.0	22.2	16.5	17.7	22.0
12	12-8	UTS7GN128P	19.0	19.3	40.7	3.2	31.8	27.0	21.2	22.5	25.4
14	14-7 14-12	UTS7GN147P UTS7GN1412P	22.2	19.3	43.0	3.2	34.9	30.2	24.3	25.7	29.8

Male In-line + Grommet + Backshell

Shell size	Layout	Part numbers Male contact	Ø A	Ø B	L	Hexagon D	Ø Cable range Standard seal	Ø Cable range Reducing seal	E
10	10-4	UTS1GJC104P	14.9	26.2	70.7	27.0	2.5 / 8.0	1.5 / 5.0	30.0
12	12-8	UTS1GJC128P	19.0	29.7	74.5	31.8	5.0 / 12.0	3.0 / 9.0	33.5
14	14-7 14-12	UTS1GJC147P UTS1GJC1412P	22.2	34.6	80.5	34.9	7.0 / 14.0	5.0 / 12.0	37.6

Coloured ring supplied as optional extra (see page 72).

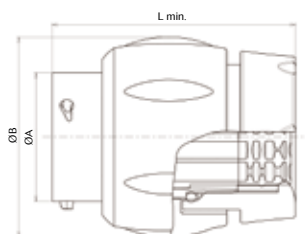
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Note : all dimensions are in mm

UTS discrete wire sealing



Male In-line + Grommet + Backshell nut



Shell size	Layout	Part numbers Male contact	Ø A	Ø B	L
10	10-4	UTS1GN104P	14.9	26.2	40.9
12	12-8	UTS1GN128P	19.0	29.7	40.9
14	14-7 14-12	UTS1GN147P UTS1GN1412P	22.2	34.6	43.0

Coloured ring supplied as optional extra (see page 72).

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RC/RM machined contacts size 16



Description

Size 16 machined contacts for TRIM TRIO® connectors

Size 16 RM/RC .0625" (1.6mm) diameter contacts are precision machined crimp snap-in pins and sockets for heavy duty top performance requirements. The socket inner spring supplies high contact pressure to ensure low resistance contact between pin and socket. The socket contact features closed entry to prevent probe damage. Crimp barrels have insulation grips for vibration support and are provided with a wire stop and inspection hole.

Typical benefits are :

- Easy mounting & dismounting
- Excellent cable retention as well as contact retention in the cavity
- Easy wire identification with color coding

UTS : Your first choice in waterproof connectors !