

1832 - 18E32 (Shell size 18, 32x#20)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp Contact supplied separately see page 151	Free hanging receptacle	Cable gland (Fig. 2)	UTS1JC1832P	UTS1JC1832S
	Plug	Without (Fig. 3)	UTS61832P	UTS61832S
	Plug	Cable gland (Fig. 4)	UTS6JC1832P	UTS6JC1832S
	Jam nut receptacle	Without (Fig. 5)	UTS71832P	UTS71832S
PCB contacts supplied separately see page 151	Jam nut receptacle	Without (Fig. 5)	UTS71832P	UTS71832S
Hand solder electrical contacts loaded see page 151	Square flange receptacle	Without (Fig. 1)	UTS018E32P	-

Possibilities of discrimination/keying methods see page 208

Sealed unmated

Overmoulded Cable Assembly Part Numbers

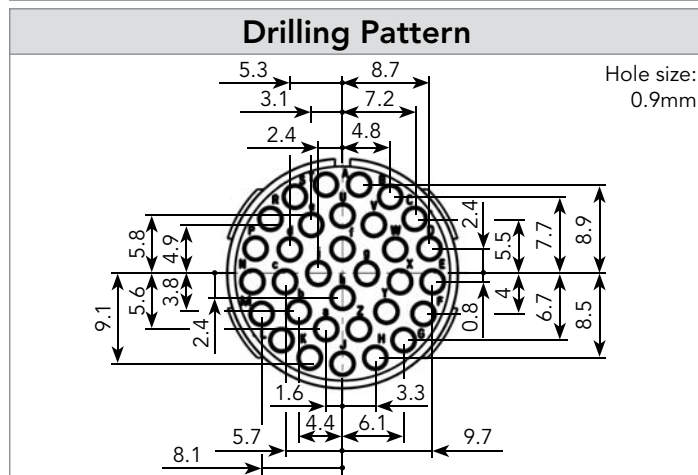
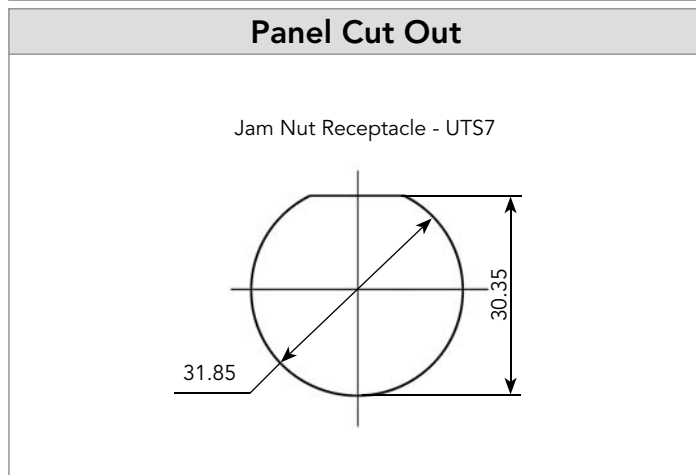
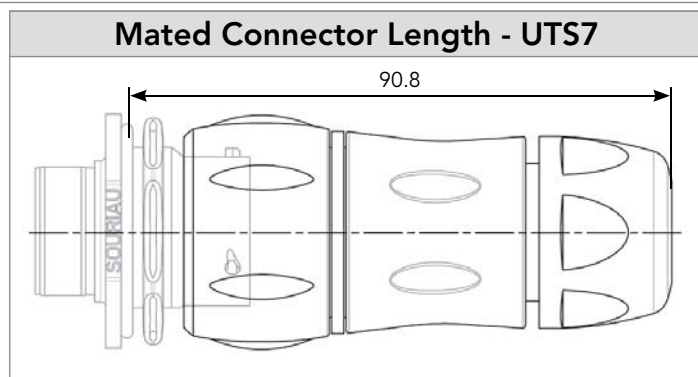
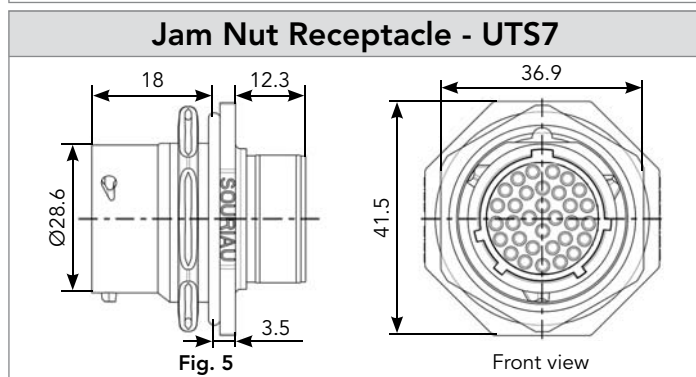
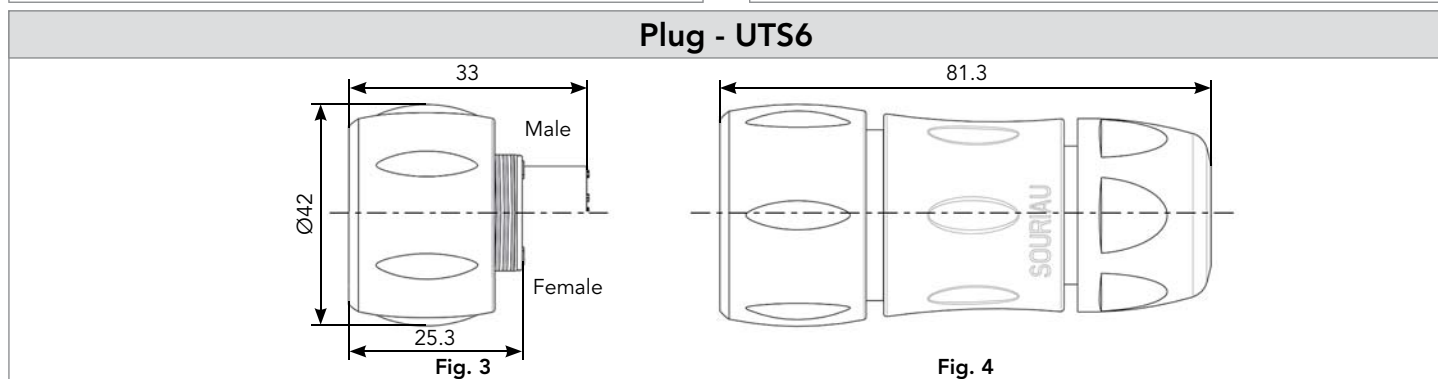
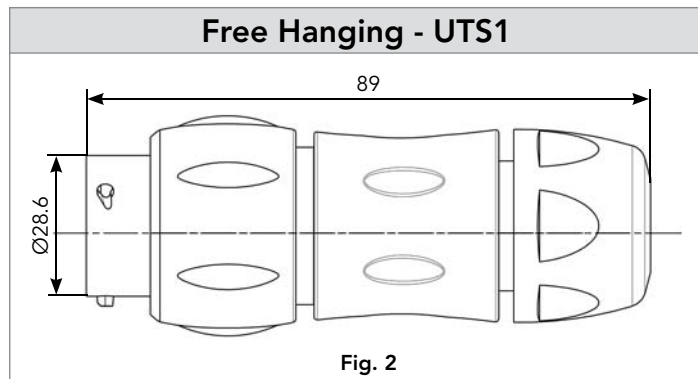
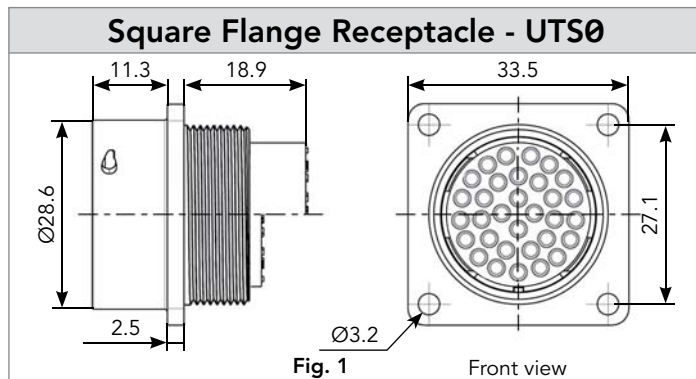
Overmoulding type	Connector type	Wire size (mm²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1m.)*	
				Male plug	Female plug
Straight ending	Plug	0.5	H05 VV - F 32x0.5	HAUTS0V1832PST100	HAUTS0V1832SST100
Right angle ending	Plug	0.5	H05 VV - F 32x0.5	HAUTS0V1832PRA100	HAUTS0V1832SRA100

(1) Other cable available on demand

* Other lengths available on demand

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Dimensions



Note: Overmoulded cable assembly dimensions available page 179.

Note: all dimensions are in mm

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Accessories and Tooling

Jam Nut Sealing Caps



IP68/69K

Part number
UTS18DCG



IP68/69K

Metal terminal

Part number
UTS18DCGR

Handle (without Head)



Part number
SHANDLES

Tool Kit



Part number
TOOLKIT

Plug Sealing Cap



IP68/69K

Part number
UTS618DCG

Square Flange Sealing Cap



IP68/69K

Metal terminal

Part number
UTS18DCGE

Crimp Tooling (without Shandles)



Contacts	Contact size	Part number of head
RM/RC 24W3K ⁽¹⁾	Standard contacts #20 Ø 1mm	S20RCM*
RM/RC 20W3K ⁽¹⁾		S20RCM*
RM/RC 18W3K ⁽¹⁾		S20RCM*
SM/SC 24WL3S		S20SCM20*
SM/SC 20WL3S		S20SCM20*

(1): Example of plating, for other plating see page 164

*: Heads to be used with handle PN: SHANDLES



Handle

+



Head

=



Complete set

Plastic Protective Cap



Part numbers

Receptacle cap	Plug cap
85005590A	85005599

Gasket



Part numbers

UTFD16B

Color Coding Rings

G for Green



Y for Yellow



R for Red



Part numbers

Receptacles	Plugs
UTS718CCRR	UTS618CCRR
UTS718CCRY	UTS618CCRY
UTS718CCRG	UTS618CCRG

Extraction Tool #20



Part number
RX20D44

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Contacts

#20	Contact type	Wire size		Part number		Max wire Ø	Max insulator Ø	Wire stripping length
		AWG	mm²	Male	Female			
Crimp	Machined	26-24	0.13-0.25	RM24W3K ⁽¹⁾	RC24W3K ⁽¹⁾	0.80	1.60	4.80
		22-20	0.32-0.52	RM20W3K ⁽¹⁾	RC20W3K ⁽¹⁾	1.15	1.60	4.80
		20-18	0.50-0.93	RM18W3K ⁽¹⁾	RC18W3K ⁽¹⁾	1.30	2.10	4.80
	Stamped & Formed reeled contacts See note (2) for loose piece	26-24	0.13-0.25	SM24W3TK6 ⁽²⁾	SC24W3TK6 ⁽²⁾	-	0.90-1.60	4.00
		26-24	0.13-0.25	SM24W3S6 ⁽²⁾	SC24W3S25 ⁽²⁾	-	0.90-1.60	4.00
		22-20	0.32-0.52	SM20W3TK6 ⁽²⁾	SC20W3TK6 ⁽²⁾	-	1.20-2.10	4.00
		22-20	0.32-0.52	SM20W3S6 ⁽²⁾	SC20W3S25 ⁽²⁾	-	1.20-2.10	4.00
PCB	Machined ⁽³⁾	-	-	RMW5016K	RCW5016K	-	-	-
Hand-solder	Loaded in the connector	18-22	-	-	-	-	-	3.80

(1): Example of plating, for other plating see page 164

(2): Loose piece contact available if putting L. Example: SM20WL3TK6

(3): For dimensions see page 168

Note: all dimensions are in mm

Electrical Characteristics

UL
5A 250V UL94 V-0

CSA
4A 250V UL94 V-0

IEC
4A 32V 1.5kV 3

UTS 1832 - 18E32 Derating Curves

