

1419 - 14E19/14D19 (Shell size 14, 19x#20)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supplied separately see page 143	Free hanging receptacle	Cable gland (Fig. 1)	UTS1JC1419P	UTS1JC1419S
	Plug	Without (Fig. 2)	UTS61419P	UTS61419S
	Plug	Cable gland (Fig. 3)	UTS6JC1419P	UTS6JC1419S
	Jam nut receptacle	Without (Fig. 4)	UTS71419P	UTS71419S
PCB contacts supplied separately see page 143	Jam nut receptacle	Without (Fig. 4)	UTS71419P	UTS71419S
Hand solder electrical contacts loaded see page 143	Square flange receptacle	Without (Fig. 8)	UTS014E19P	UTS014E19S
	Plug	Without (Fig. 2)	UTS614E19P	UTS614E19S
		Cable gland (Fig. 3)	UTS6JC14E19P	UTS6JC14E19S
	Jam nut receptacle	Without (Fig. 5)	UTS714E19P	UTS714E19S
PCB contacts loaded see page 143	Square flange receptacle	Without (Fig. 9)	UTS014D19P	UTS014D19S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig. 6)	UTS714D19P32	UTS714D19S32
	Jam nut receptacle with stand off and without hold down clip	Without (Fig. 7)	UTS714D19P	UTS714D19S

Possibilities of discrimination/keying methods see page 208

Sealed unsealed

Overmoulded Cable Assembly Part Numbers

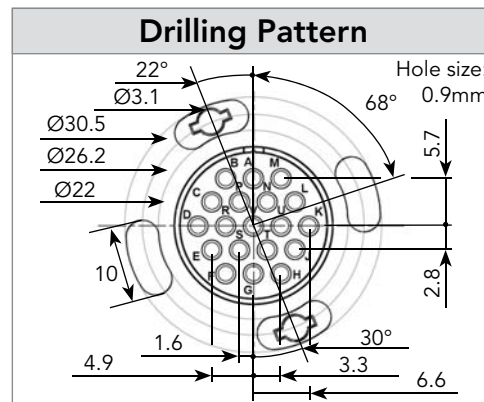
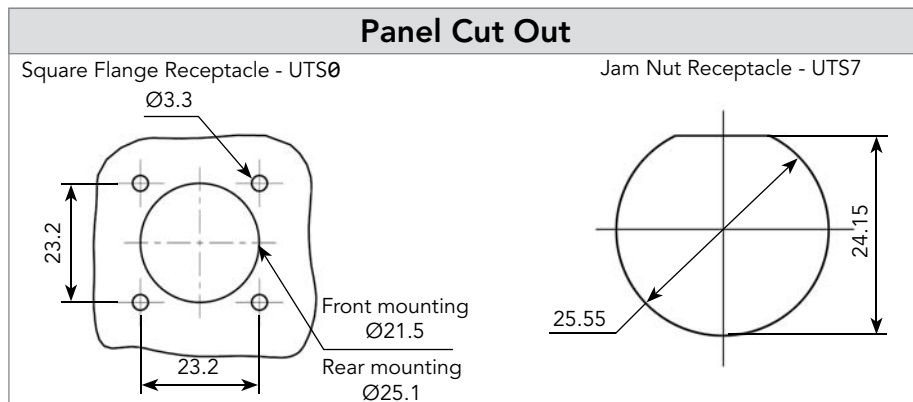
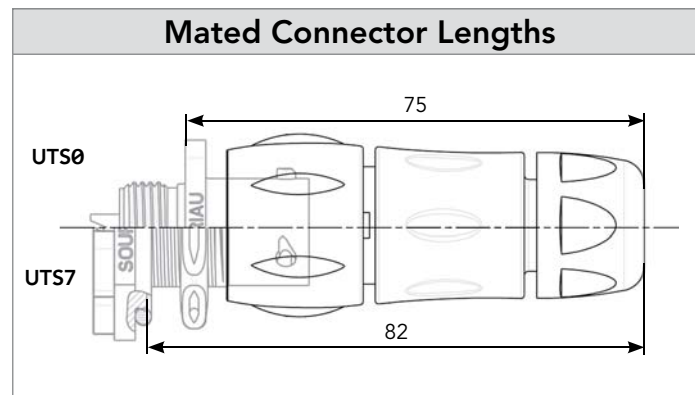
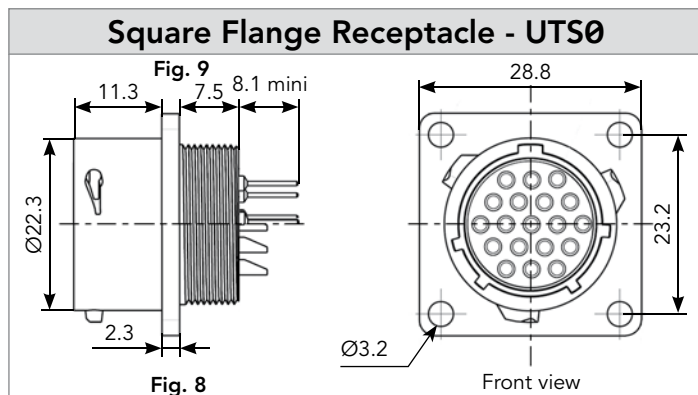
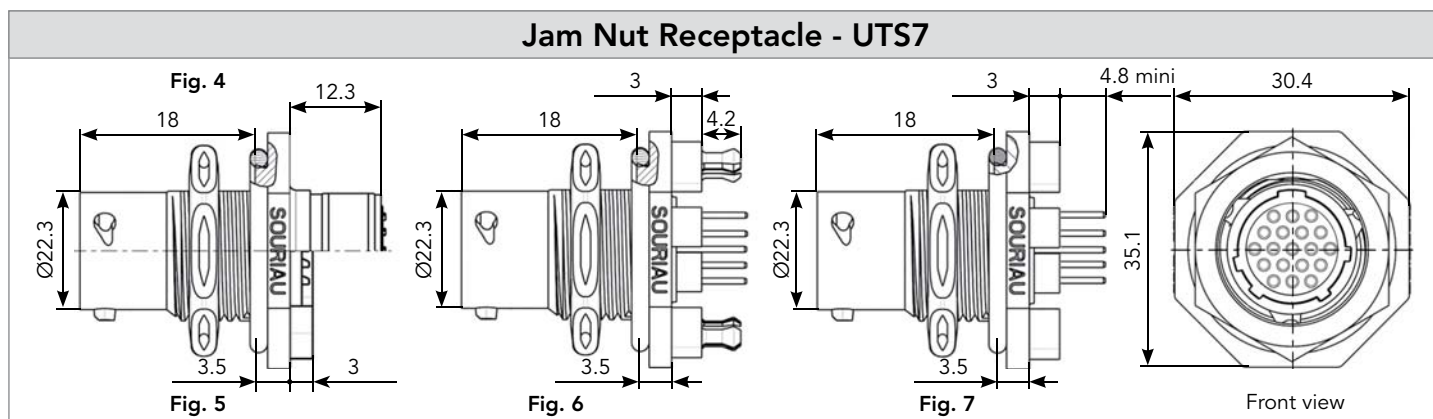
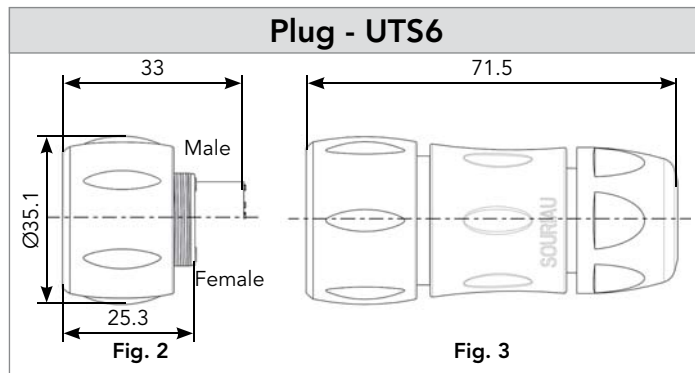
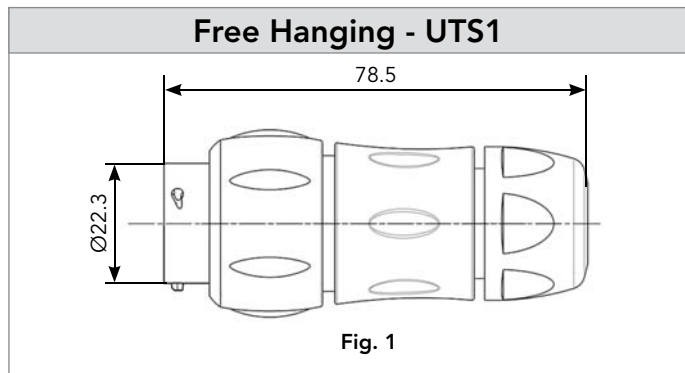
Overmoulding type	Connector type	Wire size (mm²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1m.)*	
				Male plug	Female plug
Straight ending	Plug	0.5	H05 VV - F 19x0.5	HAUTS0V1419PST100	HAUTS0V1419SST100
				HAUTS0V14E19PST100	HAUTS0V14E19SST100
Right angle ending	Plug	0.5	H05 VV - F 19x0.5	HAUTS0V1419PRA100	HAUTS0V1419SRA100
				HAUTS0V14E19PRA100	HAUTS0V14E19SRA100

(1) Other cable available on demand

* Other lengths available on demand

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Dimensions



Note: Overmoulded cable assembly dimensions available page 179.

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Accessories and Tooling

Jam Nut Sealing Caps



IP68/69K

Part number
UTS14DCG



IP68/69K

Metal terminal

Part number
UTS14DCGR

Handle (without Head)



Part number
SHANDLES

Tool Kit



Part number
TOOLKIT

Plug Sealing Cap



IP68/69K

Part number
UTS614DCG

Square Flange Sealing Cap



IP68/69K

Metal terminal

Part number
UTS14DCGE

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

Plastic Protective Cap



Part numbers

Receptacle cap	Plug cap
85005588A	85005597

Gasket



Part numbers

UTFD14B

Color Coding Rings

G for Green



Y for Yellow



R for Red



Part numbers

Receptacles	Plugs
UTS714CCRR	UTS614CCRR
UTS714CCRY	UTS614CCRY
UTS714CCRG	UTS614CCRG

Extraction Tool #20



Part number
RX20D44



Handle

+



Head

=



Complete set

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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	22-18	-	-	-	-	-	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

UTS 1419	UTS 14E19/14D19
UL	UL
5A 250V UL94 V-0	4A 250V UL94 HB
CSA	CSA
4A 250V UL94 V-0	4A 250V UL94 HB
IEC	
5A 32V 1.5kV 3	

UTS 1419 - 14E19/14D19 Derating Curves

