

1210 - 12E10/12D10 (Shell size 12, 10x#20)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supplied separately see page 115	Free hanging receptacle	Cable gland (Fig. 1)	UTS1JC1210P	UTS1JC1210S
	Plug	Without (Fig. 2)	UTS61210P	UTS61210S
	Plug	Cable gland (Fig. 3)	UTS6JC1210P	UTS6JC1210S
	Jam nut receptacle	Without (Fig. 4)	UTS71210P	UTS71210S
Hand-solder electrical contacts loaded see page 115	Square flange receptacle	Without (Fig. 6)	UTS012E10P	UTS012E10S
	Plug	Without (Fig. 2)	UTS612E10P	UTS612E10S
		Cable gland (Fig. 3)	UTS6JC12E10P	UTS6JC12E10S
	Jam nut receptacle	Without (Fig. 5)	UTS712E10P	UTS712E10S
PCB contacts loaded see page 115	Square flange receptacle	Without (Fig. 7)	UTS012D10P	UTS012D10S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig. 6)	UTS712D10P32	UTS712D10S32
	Jam nut receptacle with stand off and without hold down clip	Without (Fig. 7)	UTS712D10P	UTS712D10S

Possibilities of discrimination/keying methods see page 208

Sealed unmated

Overmoulded Cable Assembly Part Numbers

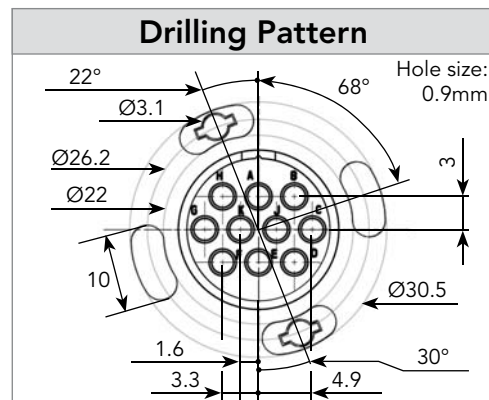
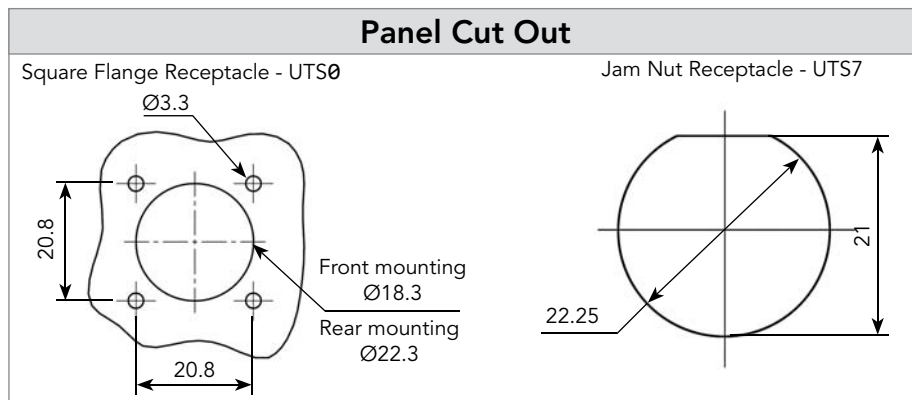
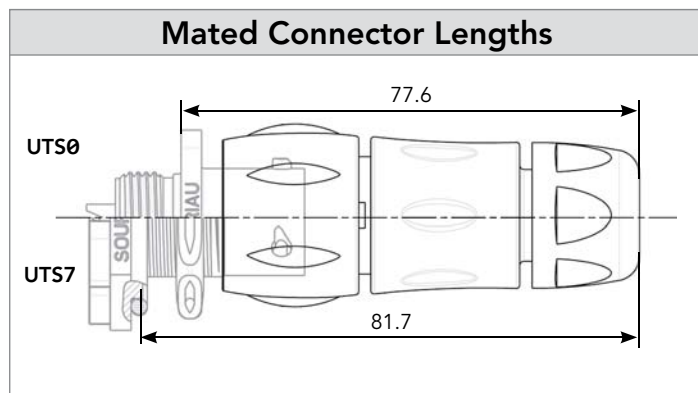
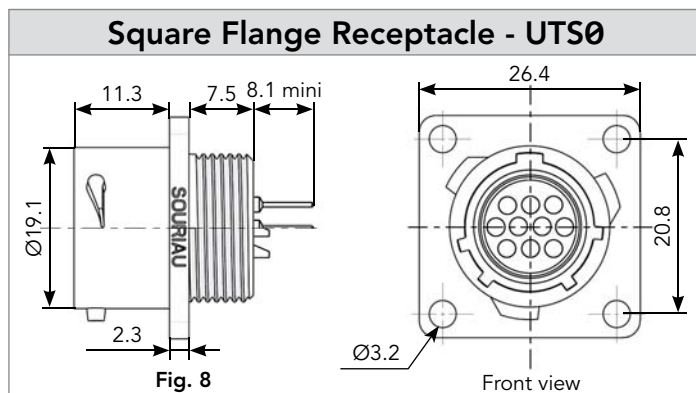
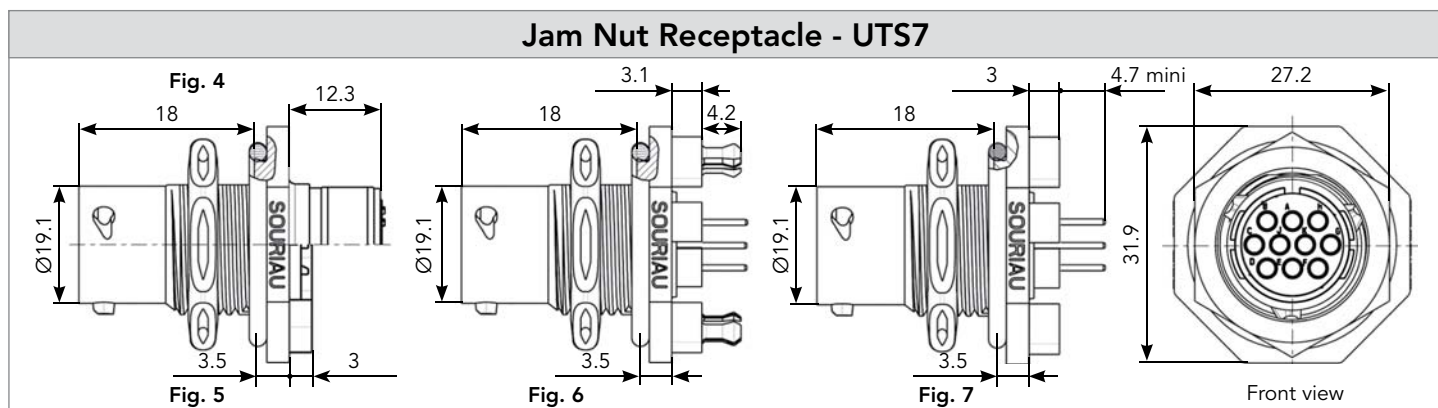
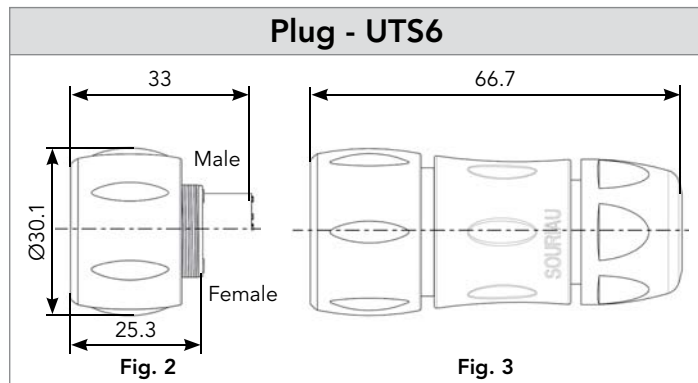
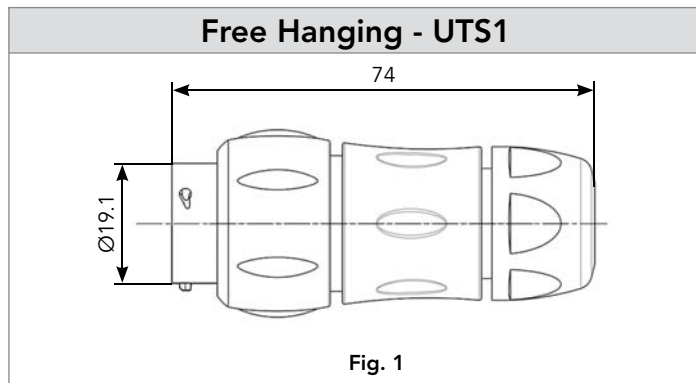
Overmoulding type	Connector type	Wire size (mm ²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1m.)*	
				Male plug	Female plug
Straight ending	Plug	0.5	H05 VV - F 10x0.5	HAUTS0V1210PST100	HAUTS0V1210SST100
				HAUTS0V12E10PST100	HAUTS0V12E10SST100
Right angle ending	Plug	0.5	H05 VV - F 10x0.5	HAUTS0V1210PRA100	HAUTS0V1210SRA100
				HAUTS0V12E10PRA100	HAUTS0V12E10SRA100

(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
UTS12DCG



IP68/69K

Metal terminal

Part number
UTS12DCGR

Handle (without Head)



Part number
SHANDLES

Tool Kit



Part number
TOOLKIT

Plug Sealing Cap



IP68/69K

Part number
UTS612DCG

Square Flange Sealing Cap



IP68/69K

Metal terminal

Part number
UTS12DCGE

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
85005587A	85005596

Gasket



Part numbers

UTFD13B

Color Coding Rings

G for Green



Y for Yellow



R for Red



Part numbers

Receptacles	Plugs
UTS712CCRR	UTS612CCRR
UTS712CCRY	UTS612CCRY
UTS712CCRG	UTS612CCRG

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
		AWG	mm ²	Male	Female		
Crimp	Machined	26-24	0.13-0.25	RM24W3K ⁽¹⁾	RC24W3K ⁽¹⁾	0.80	1.60
		22-20	0.32-0.52	RM20W3K ⁽¹⁾	RC20W3K ⁽¹⁾	1.15	1.60
		20-18	0.50-0.93	RM18W3K ⁽¹⁾	RC18W3K ⁽¹⁾	1.30	2.10
	Stamped & Formed reeled contacts See note (2) for loose piece	26-24	0.13-0.25	SM24W3TK6 ⁽²⁾	SC24W3TK6 ⁽²⁾	-	0.90-1.60
		26-24	0.13-0.25	SM24W3S26 ⁽²⁾	SC24W3S25 ⁽²⁾	-	0.90-1.60
		22-20	0.32-0.52	SM20W3TK6 ⁽²⁾	SC20W3TK6 ⁽²⁾	-	1.20-2.10
		22-20	0.32-0.52	SM20W3S26 ⁽²⁾	SC20W3S25 ⁽²⁾	-	1.20-2.10
PCB	Machined ⁽³⁾	-	-	RMW5016K	RCW5016K	-	-

(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

#20	Contact type	Plating	Cable acceptance (AWG)	Wire stripping length
Handsolder	Loaded in the connector	Min 0.4µ gold over 0.8µ Ni	22 to 18	3.8 mm

10

Electrical Characteristics

UTS 1210	UTS 12E10/12D10
UL	UL
5A 250V UL94 V-0	4.5A 250V UL94 HB
CSA	CSA
4A 250V UL94 V-0	4.5A 250V UL94 HB
IEC	
6A 50V 1.5kV 3	

UTS 1210 - 12E10/12D10 Derating Curves

