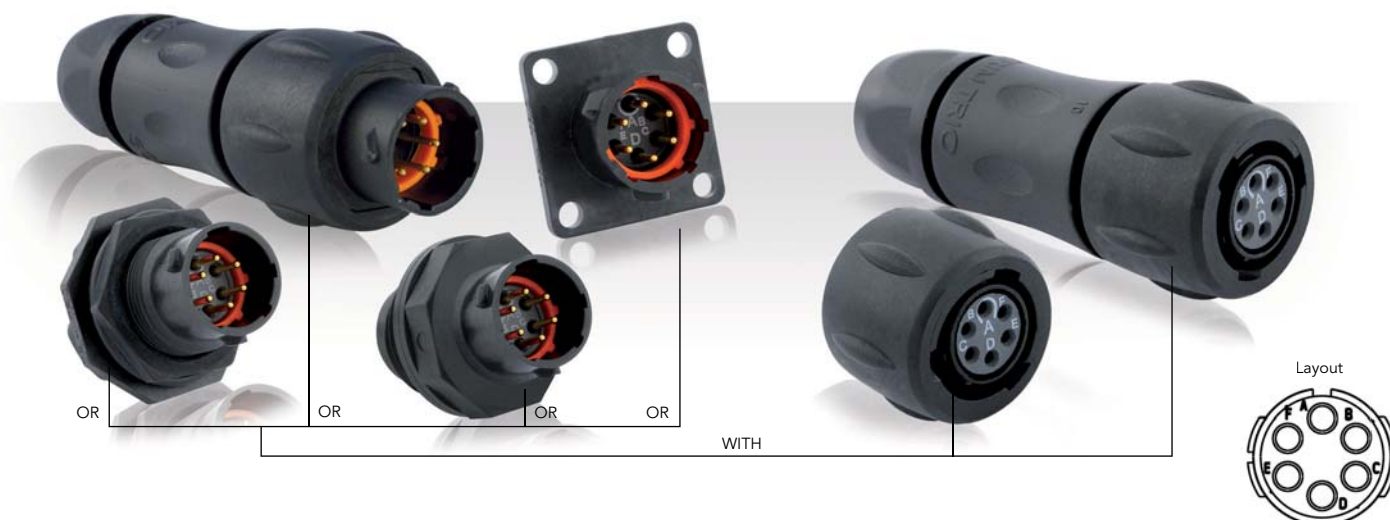


106 - 10E6/10D6 (Shell size 10, 6x#20)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supplied separately see page 87	Free hanging receptacle	Cable gland (Fig. 1)	UTS1JC106P	UTS1JC106S
	Plug	Without (Fig. 2)	UTS6106P	UTS6106S
	Plug	Cable gland (Fig. 3)	UTS6JC106P	UTS6JC106S
	Jam nut receptacle	Without (Fig. 4)	UTS7106P	UTS7106S
PCB contacts supplied separately see page 87	Jam nut receptacle	Without (Fig. 4)	UTS7106P	UTS7106S
Hand solder electrical contacts loaded	Square flange receptacle	Without (Fig. 10)	UTS010E6P	UTS010E6S
	Plug	Without (Fig. 2)	UTS610E6P	UTS610E6S
		Cable gland (Fig. 3)	UTS6JC10E6P	UTS6JC10E6S
	Jam nut receptacle	Without (Fig. 5)	UTS710E6P	UTS710E6S
Hand solder electrical contacts loaded see page 87	M16 threaded receptacle	Without (Fig. 8)	UTS710E6PM16	UTS710E6SM16
PCB contacts supplied separately see page 87	Jam nut receptacle	Without (Fig.4)	UTS7106P	UTS7106S
PCB contacts loaded see page 87	Square flange receptacle	Without (Fig.9)	UTS010D6P	UTS010D6S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig.7)	UTS710D6P32	UTS710D6S32
	Jam nut receptacle with stand off and without hold down clip	Without (Fig.6)	UTS710D6P	UTS710D6S

Possibilities of discrimination/keying methods see page 208

Sealed unmated

Overmoulded Cable Assembly Part Numbers

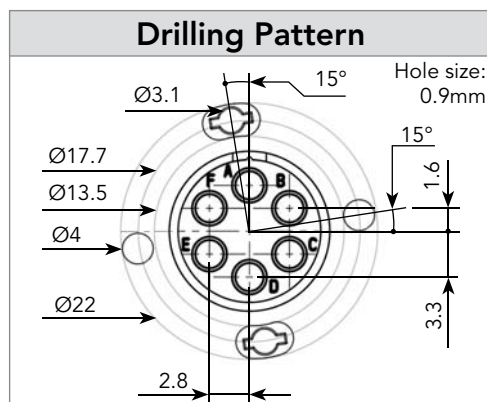
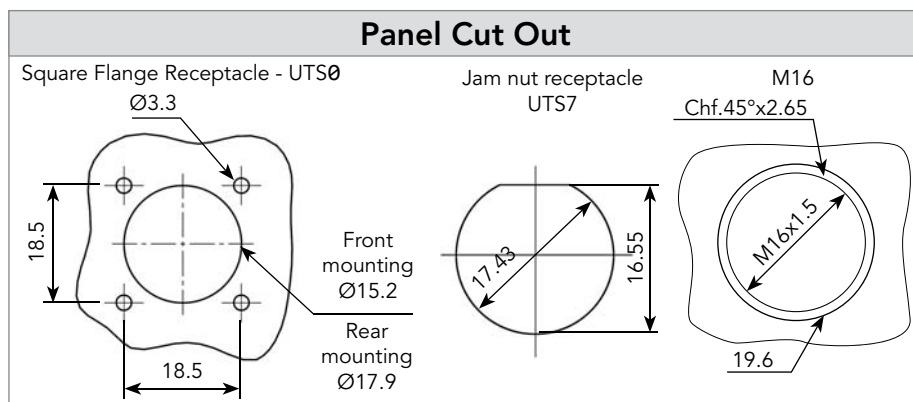
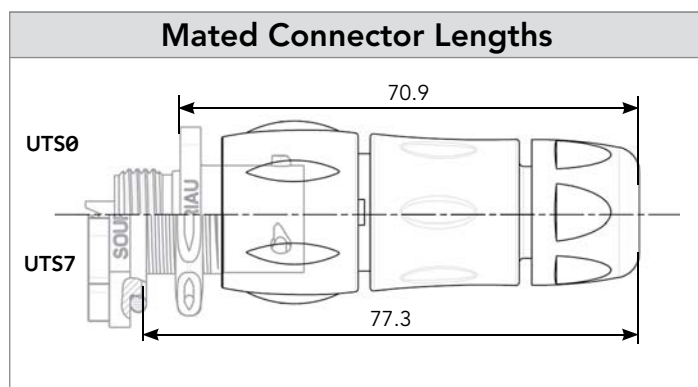
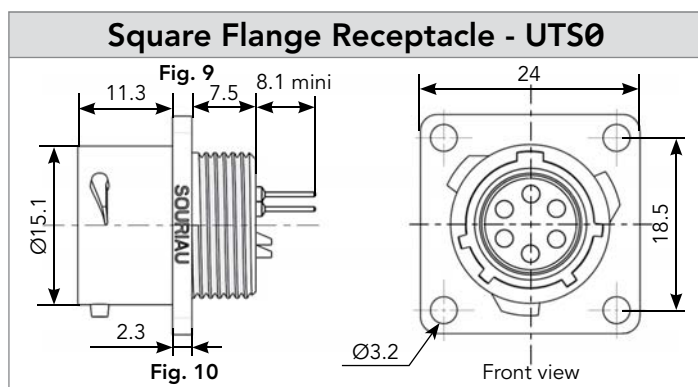
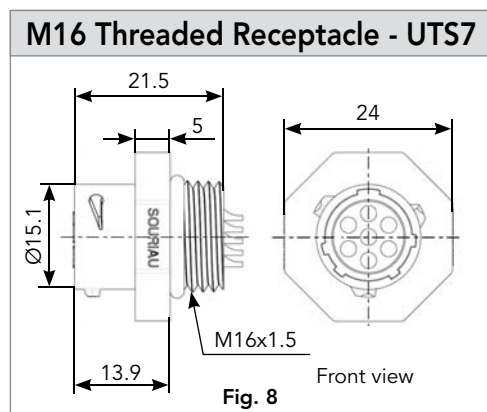
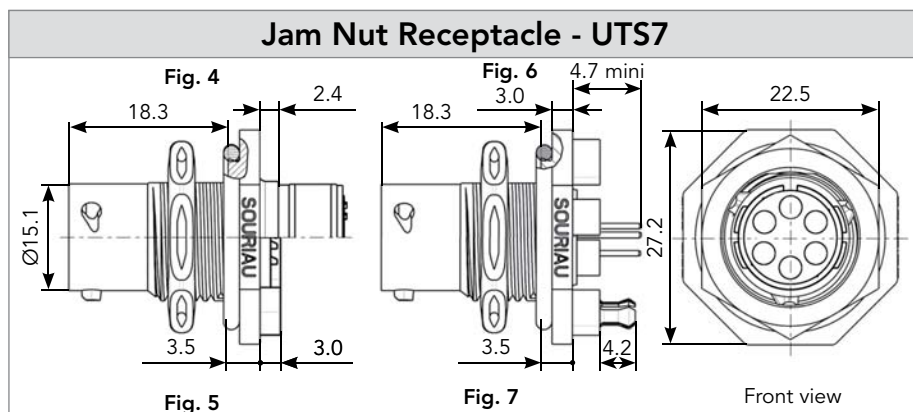
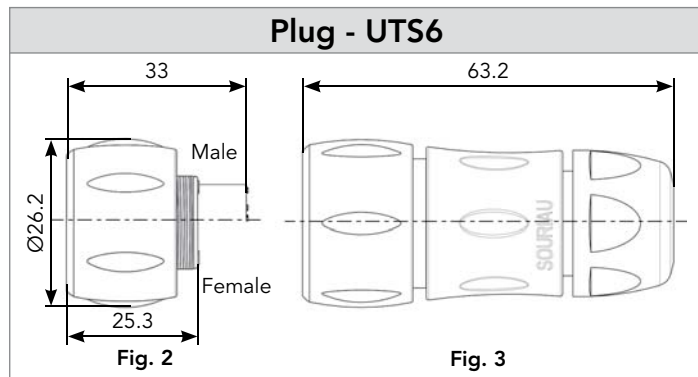
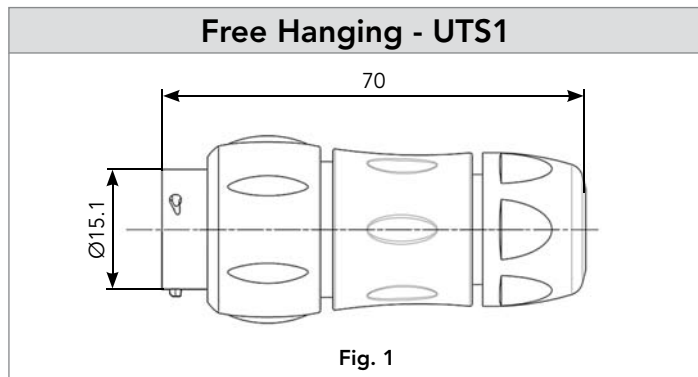
Overmoulding type	Connector type	Wire size (mm ²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1m.)*	
				Male plug	Female plug
Straight ending	Plug	0.5	H05 VV - F 6x0.5	HAUTS0V106PST100	HAUTS0V106SST100
				HAUTS0V10E6PST100	HAUTS0V10E6SST100
Right angle ending	Plug	0.5	H05 VV - F 6x0.5	HAUTS0V106PRA100	HAUTS0V106SRA100
				HAUTS0V10E6PRA100	HAUTS0V10E6SRA100

(1) Other cable available on demand

* Other lengths available on demand

106 - 10E6/10D6 (Shell size 10, 6x#20)

Dimensions



Note: Overmoulded cable assembly dimensions available page 179.

Note: all dimensions are in mm

106 - 10E6/10D6 (Shell size 10, 6x#20)

Accessories and Tooling

Jam Nut Sealing Caps



IP68/69K

Part number
UTS10DCG



IP68/69K

Metal terminal

Part number
UTS10DCGR

Handle (without Head)



Part number
SHANDLES

Tool Kit



Part number
TOOLKIT

Plug Sealing Cap



IP68/69K

Part number
UTS610DCG

Square Flange Sealing Cap



IP68/69K

Metal terminal

Part number
UTS10DCGE

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

85005586A

85005595

Gasket



Part numbers

UTFD12B

Color Coding Rings

G for Green



Y for Yellow



R for Red



Part numbers

Receptacles

Plugs

UTS710CCRR

UTS610CCRR

UTS710CCRY

UTS610CCRY

UTS710CCRG

UTS610CCRG

Extraction Tool #20



Part number
RX20D44



Handle

+



Head

=



Complete set

106 - 10E6/10D6 (Shell size 10, 6x#20)

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

Electrical Characteristics

UTS 106 UL 6A 250V UL94 V-0	UTS 10E6/10D6 UL 6A 250V UL94 HB
CSA 4A 250V UL94 V-0	CSA 6A 250V UL94 HB
IEC 7A 32V 1.5kV 3	

UTS 106 - 10E6/10D6 Derating Curves

