

128 (Shell size 12, 8x#16)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supplied separately see page 103	Square flange receptacle	Without (Fig. 1)	UTS0128P	UTS0128S
	Free hanging receptacle	Cable gland and grommet (Fig. 2)	UTS1GJC128P	-
	Free hanging receptacle	Nut and grommet (Fig. 3)	UTS1GN128P	-
	M20 threaded receptacle	Panel gasket and nut (Fig. 8)	UTS7128PM20NUT	UTS7128SM20NUT
		Panel gasket (Fig. 9)	UTS7128PM20	UTS7128SM20
	Free hanging receptacle	Cable gland (Fig. 2)	UTS1JC128P	UTS1JC128S
	Plug	Without (Fig. 10)	UTS6128P	UTS6128S
	Plug	Cable gland and grommet (Fig. 11)	-	UTS6GJC128S
	Plug	Nut and grommet (Fig. 12)	-	UTS6GN128S
	Plug	Cable gland (Fig. 11)	UTS6JC128P	UTS6JC128S
	Jam nut receptacle	Without (Fig. 4)	UTS7128P	UTS7128S
	Jam nut receptacle	Cable gland and grommet (Fig. 7)	UTS7GJC128P	-
	Jam nut receptacle	Nut and grommet (Fig. 6)	UTS7GN128P	-
PCB contacts loaded see page 103	Jam nut receptacle	With stand off and hold down clip (Fig. 5)	UTS7128PSEK9	-

Possibilities of discrimination/keying methods see page 208

Overmoulded Cable Assembly Part Numbers

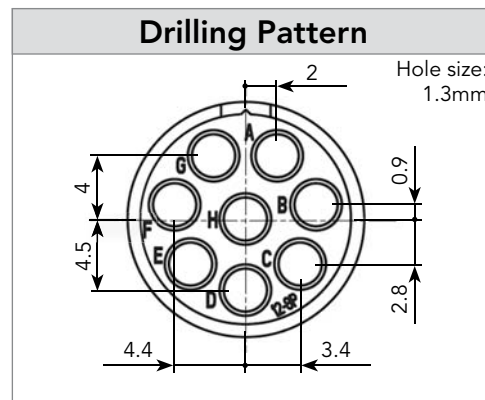
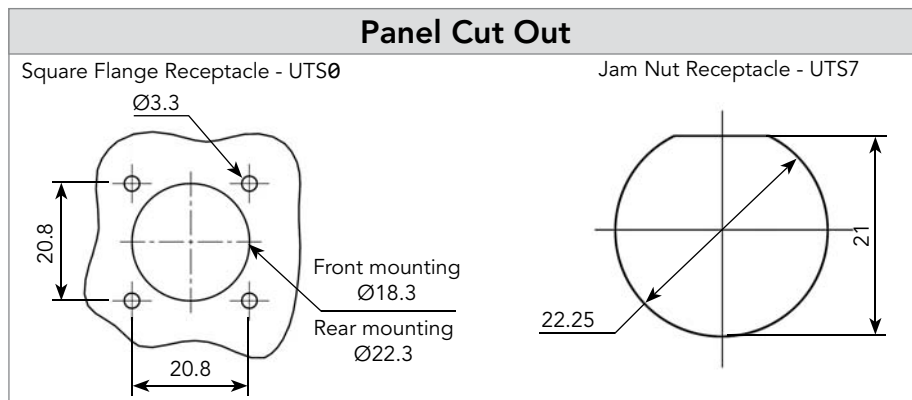
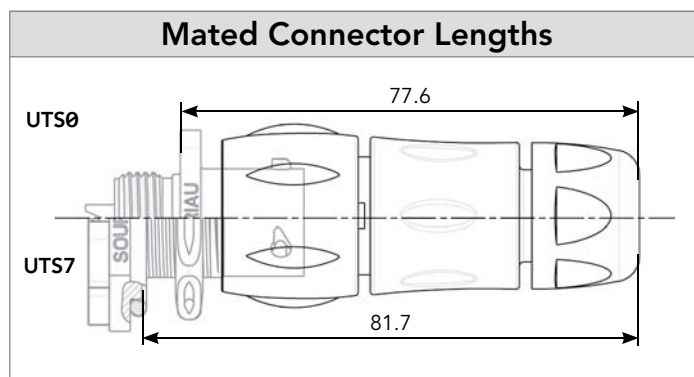
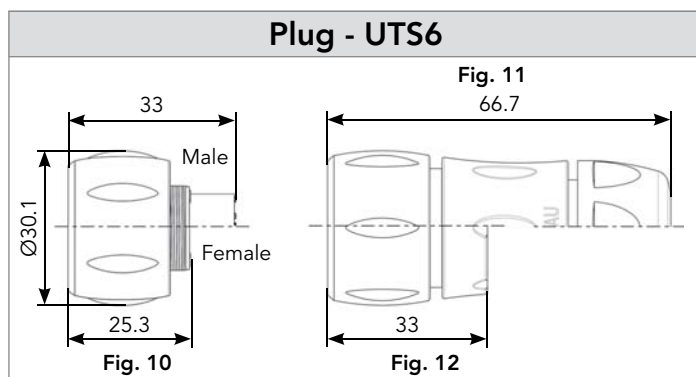
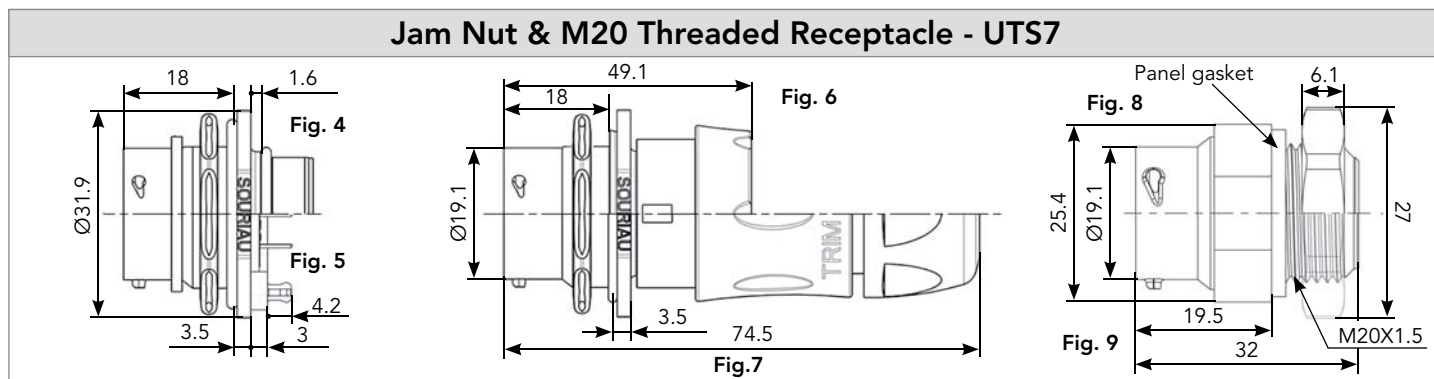
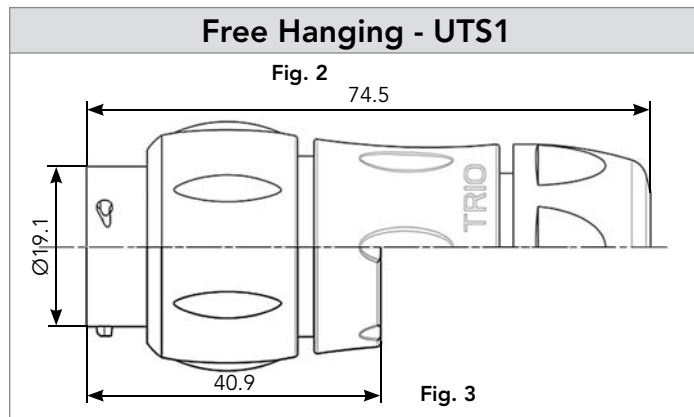
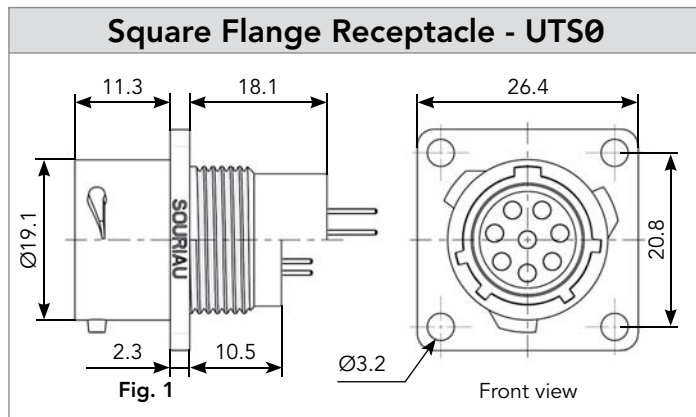
Overmoulding type	Connector type	Wire size (mm²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1m.)*	
				Male plug	Female plug
Straight ending	Plug	1.5	H05 VV - F 8x1.5	HAUTS0V128PST100	HAUTS0V128SST100
Right angle ending	Plug	1.5	H05 VV - F 8x1.5	HAUTS0V128PRA100	HAUTS0V128SRA100

(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

Plastic Protective Cap



Part numbers

Receptacle cap	Plug cap
85005587A	85005596

Gasket



Part numbers

UTFD13B

Crimp Tooling (without Shandles)



Contacts	Contact size	Part number of head
RM/RC 28M1K ⁽¹⁾	Standard contacts #16 Ø 1.6mm	S16RCM20*
RM/RC 24M9K ⁽¹⁾		S16RCM20*
RM/RC 20M13K ⁽¹⁾		S16RCM20*
RM/RC 20M12K ⁽¹⁾		S16RCM20*
RM/RC 16M23K ⁽¹⁾		S16RCM16*
RM/RC 14M30K ⁽¹⁾		S16RCM14*
SM/SC 24ML1TK6 ⁽¹⁾		S16SCM20*
SM/SC 20ML1TK6 ⁽¹⁾		S16SCM20*
SM/SC 16ML1TK6 ⁽¹⁾		S16SCML1*
SM/SC 14ML1TK6 ⁽¹⁾		S16SCML1*
SM/SC 16ML11TK6 ⁽¹⁾		S16SCML11*
RMDXK10D28K	Coaxial contacts	M10S1J with die set & stop bushing see page 200 to 204
RCDXK1D28K		
RM/RC DX60xxD28K		
RM/RC DXK10D28 + yorK090		
RM/RC DX60xxD28		

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

* Heads to be used with handle PN: SHANDLES

Color Coding Rings

G for Green



Y for Yellow



R for Red

Part numbers

Receptacles	Plugs
UTS712CCRR	UTS612CCRR
UTS712CCRY	UTS612CCRY
UTS712CCRG	UTS612CCRG



Handle



Head



Complete set

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Contacts

#16	Contact type	AWG	Part number		Max wire Ø	Max insulator Ø
			Male	Female		
Crimp	Machined	30-28	RM28M1K ⁽¹⁾	RC28M1K ⁽¹⁾	0.55	1.00
		26-24	RM24M9K ⁽¹⁾	RC24M9K ⁽¹⁾	0.80	1.60
		22-20	RM20M13K ⁽¹⁾	RC20M13K ⁽¹⁾	1.15	1.80
		22-20	RM20M12K ⁽¹⁾	RC20M12K ⁽¹⁾	1.15	2.20
		20-16	RM16M23K ⁽¹⁾	RC16M23K ⁽¹⁾	1.80	3.20
		16-14	RM14M30K ⁽¹⁾	RC14M30K ⁽¹⁾	2.30	3.20
	Stamped & Formed reeled contacts See note (2) for loose piece	26-24	SM24M1TK6 ⁽¹⁾⁽²⁾	SC24M1TK6 ⁽¹⁾⁽²⁾	-	0.90-1.60
		22-20	SM20M1TK6 ⁽¹⁾⁽²⁾	SC20M1TK6 ⁽¹⁾⁽²⁾	-	1.20-2.10
		18-16	SM16M1TK6 ⁽¹⁾⁽²⁾	SC16M1TK6 ⁽¹⁾⁽²⁾	-	3.20
		18-16	SM16M11TK6 ⁽¹⁾⁽²⁾	SC16M11TK6 ⁽¹⁾⁽²⁾	-	3.00
		14	SM14M1TK6 ⁽¹⁾⁽²⁾	SC14M1TK6 ⁽¹⁾⁽²⁾	-	3.20
PCB	Machined ⁽³⁾	-	RM20M12E83K ⁽¹⁾	RC20M12E84K ⁽¹⁾	-	-
Coaxial	Cable Multipiece	see pages 167, 200 to 206	RMDXK10D28	RCDXK1D28	-	-
	Cable Monocrimp		RMDX60xxD28	RCDX60xxD28	-	-
	Twisted pair Multipiece		RMDXK10D28 + york090	RCDXK1D28 + york090	-	-
	Twisted pair Monocrimp		RMDX60xxD28	RCDX60xxD28	-	-
Fiber optic	POF contacts (Plastic Optical Fiber)	-	RMPOF1000	RCPOF1000B	-	-
Hand-solder	Loaded in the connector	14-18	-	-	-	-

(1): Example of plating, for other plating see page 164 (2): Loose piece contact available if putting L. Example: SM20ML1TK6 (3): For dimensions see page 168 Note: all dimensions are in mm

Electrical Characteristics

UL
10A 500V UL94 V-0

CSA
7A 500V UL94 V-0

IEC
10A 80V 1.5kV 3

UTS 128 Derating Curves

