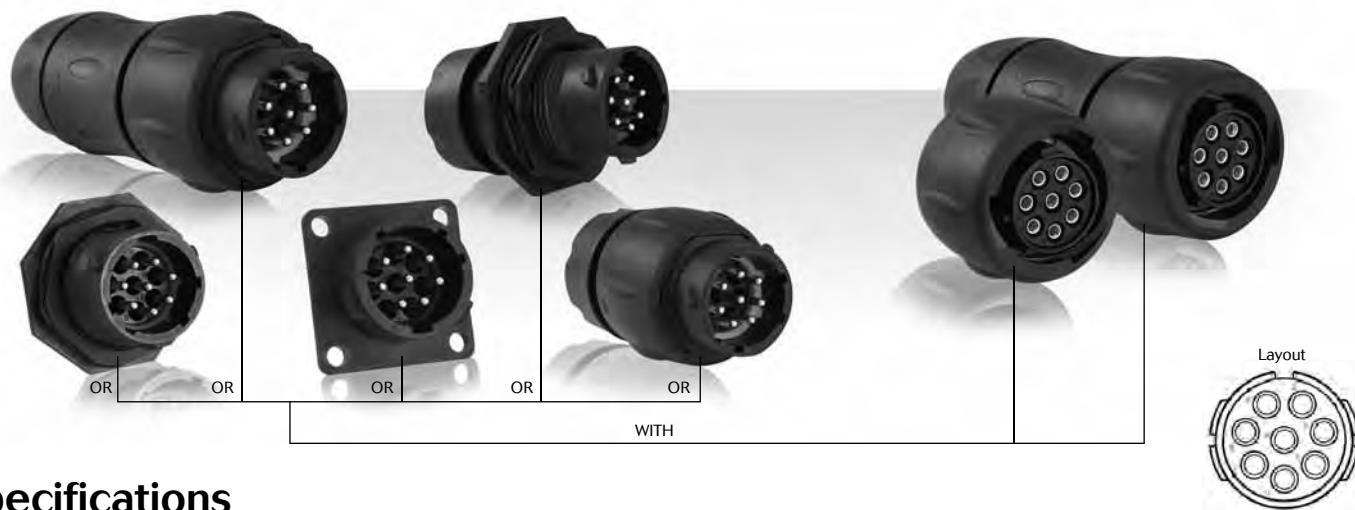


UTS Series

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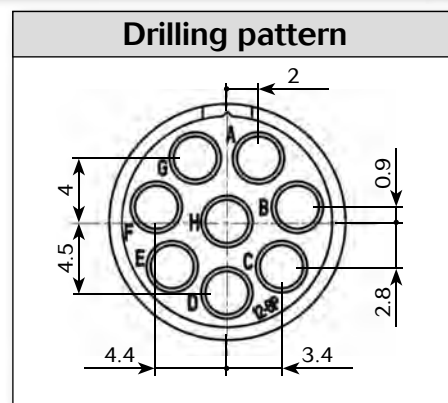
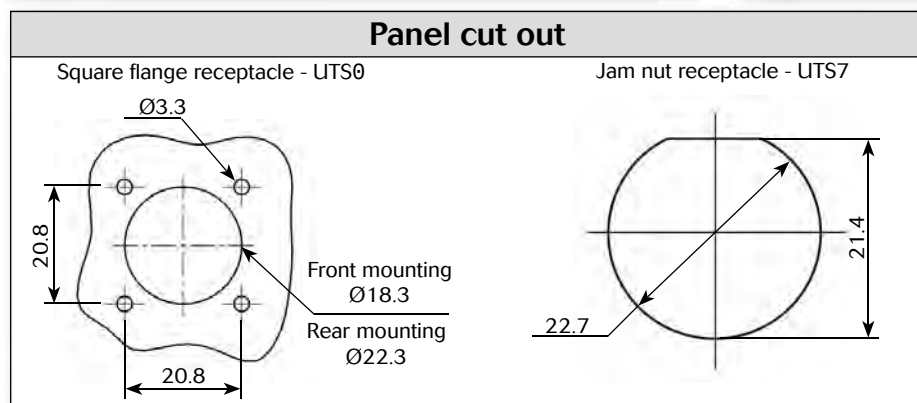
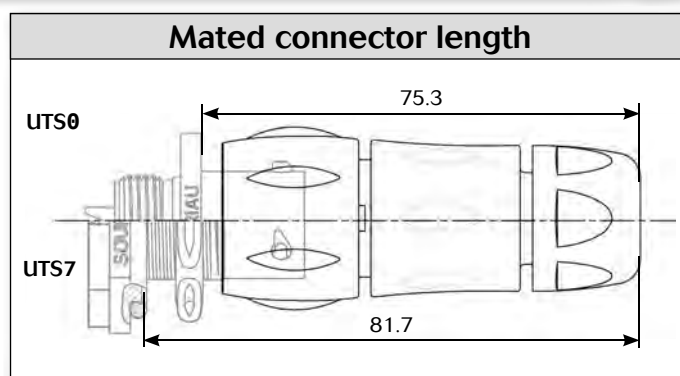
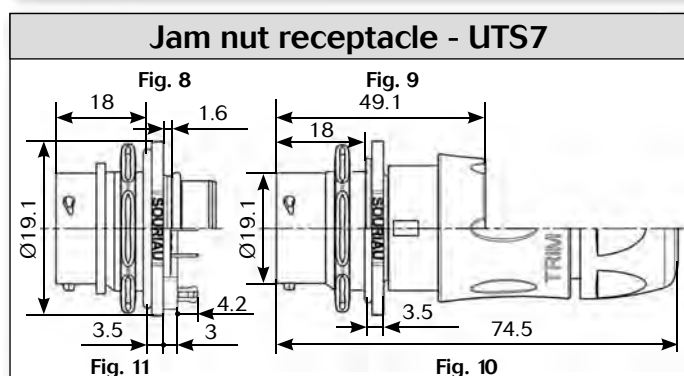
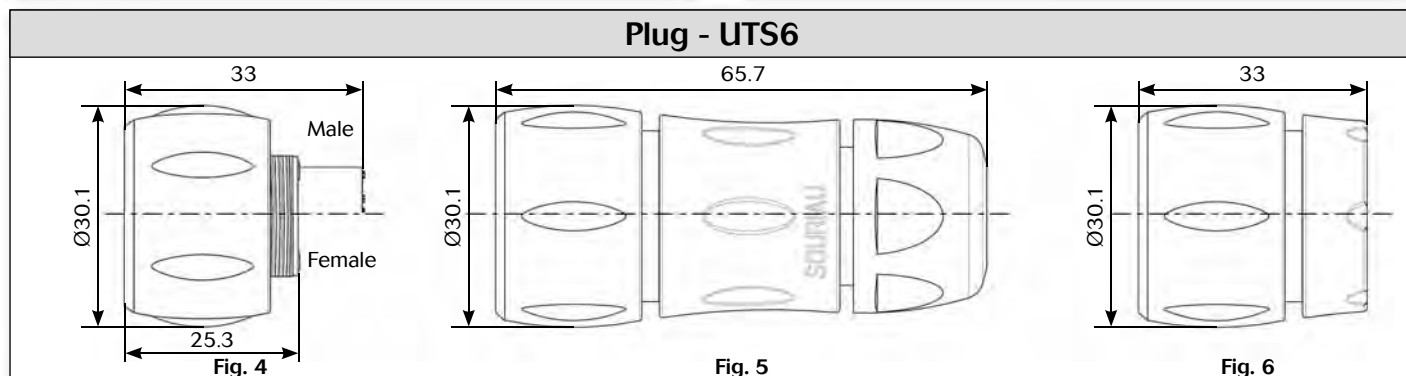
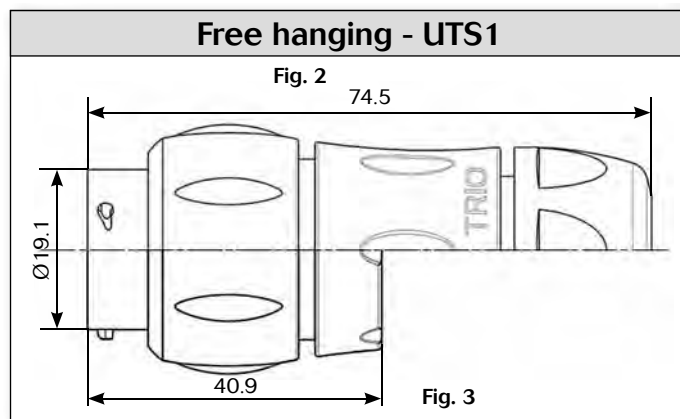
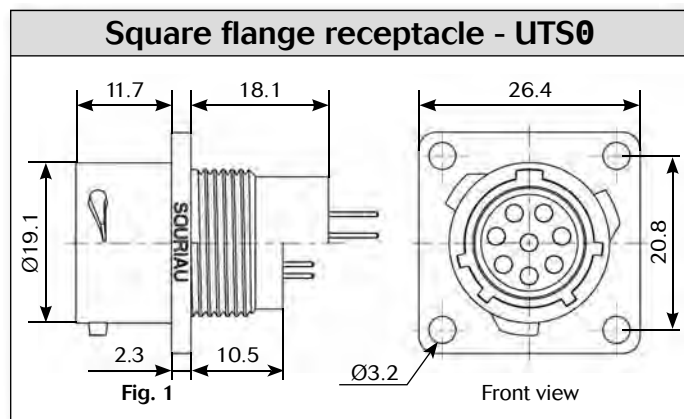


Specifications

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supply separately see page 99	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	
	Free hanging receptacle	Cable gland (Fig.2)	UTS1JC128P	UTS1JC128S
	Plug	Without (Fig.4)	UTS6128P	UTS6128S
	Plug	Cable gland and grommet (Fig.5)		UTS6GJC128S
	Plug	Nut and grommet (Fig.6)		UTS6GN128S
	Plug	Cable gland (Fig.5)	UTS6JC128P	UTS6JC128S
	Jam nut receptacle	Without (Fig.8)	UTS7128P	UTS7128S
	Jam nut receptacle	Cable gland and grommet (Fig.10)	UTS7GJC128P	
	Jam nut receptacle	Nut and grommet (Fig.9)	UTS7GN128P	
PCB contacts loaded	Jam nut receptacle	With stand off and hold down clip (Fig. 11)	UTS7128PSEK9	



Dimensions



Note: all dimensions are in mm



Accessories and tooling

Jam nut sealing caps



Part number
UTS12DCG



Metal terminal

Part number
UTS12DCGR

Handle



Part number
SHANGLES

Tool kit



Part number
TOOLKIT

Plug sealing cap



Part number
UTS612DCG

Square flange sealing cap



Metal terminal

Part number
UTS12DCGE

Plastic protective cap



Part numbers

Receptacle cap	Plug cap
85005587A	85005596

Gasket



Part numbers / neoprene
UTFD13B

Color coding rings

G for Green



Y for Yellow

R for Red

Part numbers

Receptacles	Plugs
UTS712CCRR	UTS612CCRR
UTS712CCRY	UTS612CCRY
UTS712CCRG	UTS612CCRG

* Add G for Green, Y for Yellow, R for Red

Crimp tooling



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 14M50K⁽¹⁾		S16RCM1450
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 16ML1TK6⁽¹⁾		S16SCML11
RMDXK10D28K	Coaxial contacts	M10S-1J
RCDXK1D28K		M10S-1J
RM/RC DX60xxD28K		M10S-1J
RM/RC DXK10D28 + york090		M10S-1J
RM/RC DX60xxD28		M10S-1J

(1): example of plating, for other plating see UTS catalog page 143



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	1.1
		26-24	RM24M9K ⁽¹⁾	RC24M9K ⁽¹⁾	0.8	1.6
		22-20	RM20M13K ⁽¹⁾	RC20M13K ⁽¹⁾	1.18	1.8
		22-20	RM20M12K ⁽¹⁾	RC20M12K ⁽¹⁾	1.18	2.2
		20-16	RM16M23K ⁽¹⁾	RC16M23K ⁽¹⁾	1.8	3.2
		16-14	RM14M50K ⁽¹⁾	RC14M50K ⁽¹⁾	2.05	3.2
		16-14	RM14M30K ⁽¹⁾	RC14M30K ⁽¹⁾	2.28	3.2
	Stamped & formed reeled contacts	26-24	SM24M1TK6 ⁽¹⁾⁽²⁾	SC24M1TK6 ⁽¹⁾⁽²⁾	0.89-1.28	-
		22-20	SM20M1TK6 ⁽¹⁾⁽²⁾	SC20M1TK6 ⁽¹⁾⁽²⁾	1.17-2.08	-
		18-16	SM16M1TK6 ⁽¹⁾⁽²⁾	SC16M1TK6 ⁽¹⁾⁽²⁾	3.0	-
		18-16	SM16M11TK6 ⁽¹⁾⁽²⁾	SC16M11TK6 ⁽¹⁾⁽²⁾	2.0-3.0	-
		14	SM14M1TK6 ⁽¹⁾⁽²⁾	SC14M1TK6 ⁽¹⁾⁽²⁾	3.2	-
PCB	Machined ⁽³⁾	-	RM20M12E8K ⁽¹⁾	RC20M12E84K ⁽¹⁾	-	-
Coaxial	Cable Multipiece	-	RMDXK10D28	RCDXK1D28	-	-
	Cable Monocrimp	-	RMDX60xxD28	RCDX60xxD28	-	-
	Twisted pair Multipiece	-	RMDXK10D28 + york090	RCDXK1D28 + york090	-	-
	Twisted pair Monocrimp	-	RMDX60xxD28	RCDX60xxD28	-	-
Fiber optic	POF contacts Plastic optical fibre	-	RMPOF1000	RCPOF1000B	-	-

(1): Example of plating, for other plating see page 143

(2): Loose piece contact available if putting L. Example: SM20ML1-TK6

(3): For dimensions see page 148

Electrical characteristics

UL
10A 500V UL94 V-0

CSA
7A 500V UL94 V-0

IEC
10A 80V 1.5kV 3

UTS 128 derating curves

