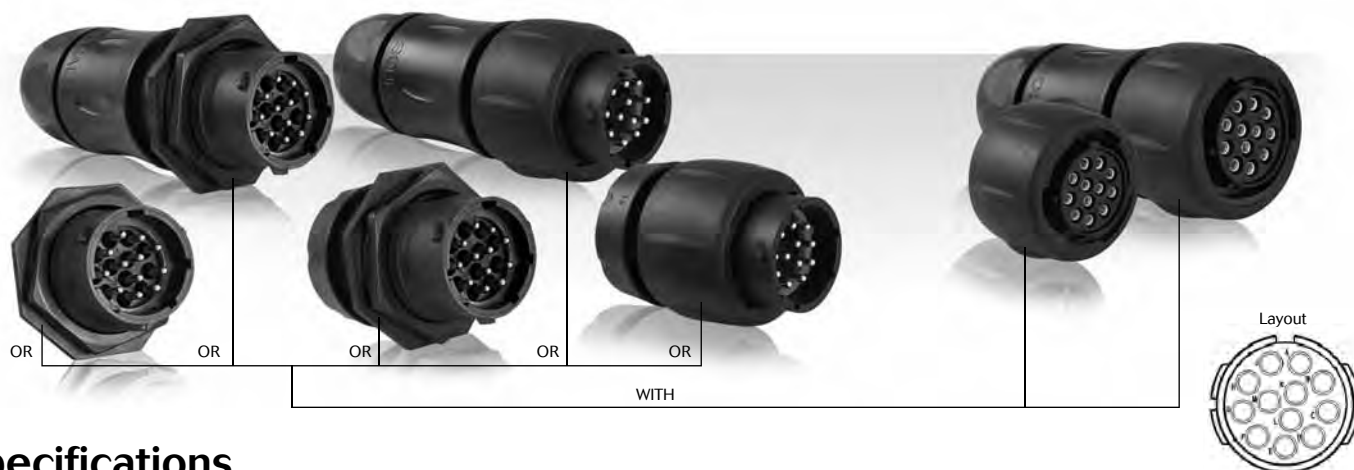


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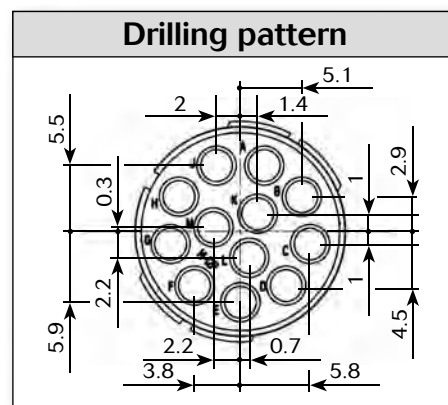
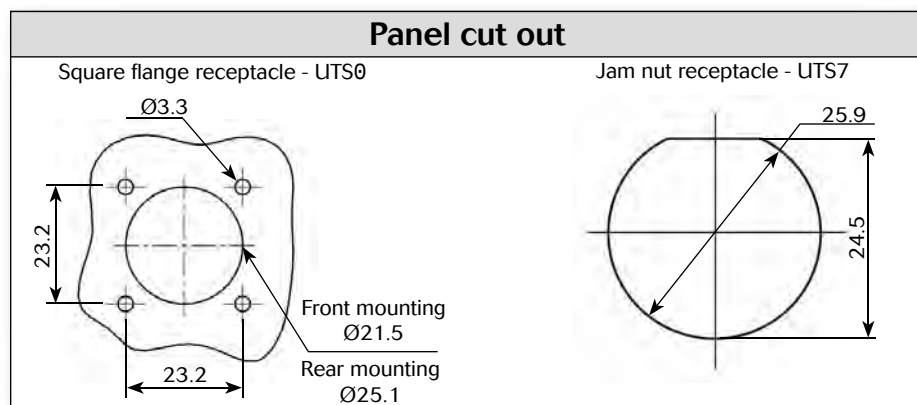
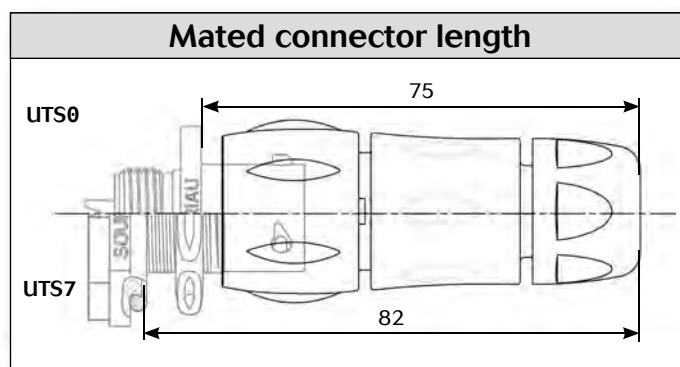
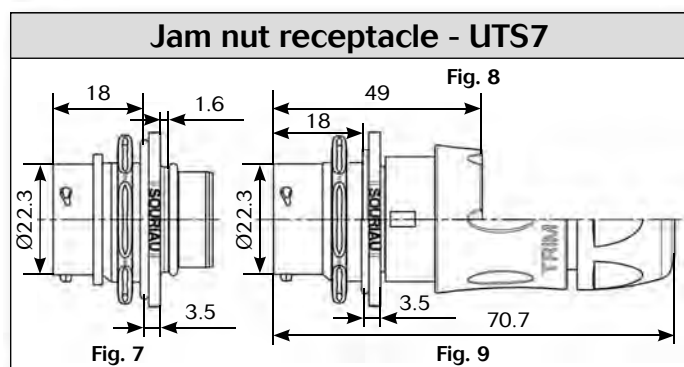
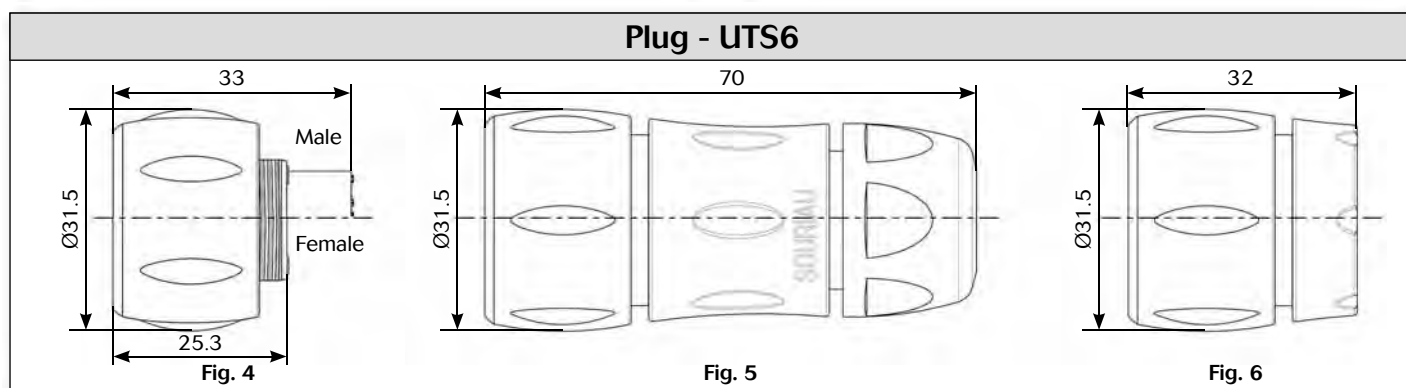
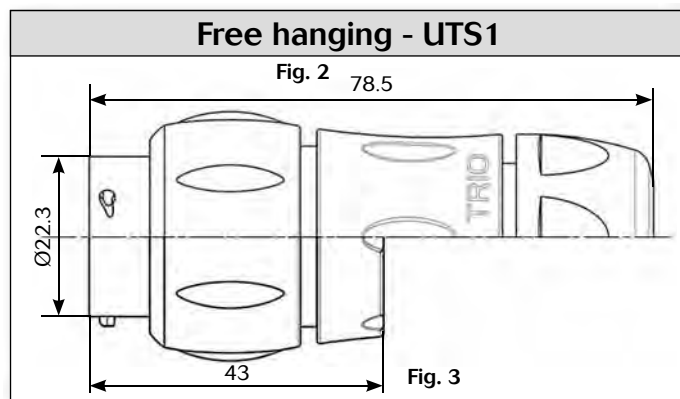
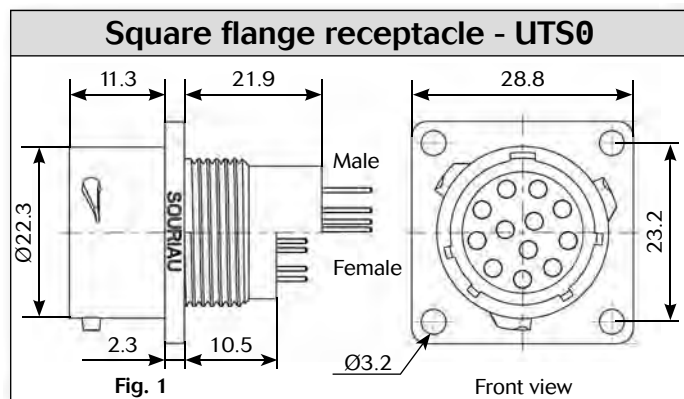


Specifications

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supply separately see page 111	Square flange receptacle	Without (Fig. 1)	UTS01412P	UTS01412S
	Free hanging receptacle	Cable gland and grommet (Fig. 2)	UTS1GJC1412P	
	Free hanging receptacle	Nut and grommet (Fig. 3)	UTS1GN1412P	
	Free hanging receptacle	Cable gland (Fig. 2)	UTS1JC1412P	UTS1JC1412S
	Plug	Without (Fig. 4)	UTS61412P	UTS61412S
	Plug	Cable gland and grommet (Fig. 5)		UTS6GJC1412S
	Plug	Nut and grommet (Fig. 6)		UTS6GN1412S
	Plug	Cable gland (Fig. 5)	UTS6JC1412P	UTS6JC1412S
	Jam nut receptacle	Without (Fig. 7)	UTS71412P	UTS71412S
	Jam nut receptacle	Cable gland and grommet (Fig. 9)	UTS7GJC1412P	
	Jam nut receptacle	Nut and grommet (Fig. 8)	UTS7GN1412P	
PCB contacts supply separately see page 111	Square flange receptacle	Without (Fig. 1)	UTS01412P	UTS01412S
	Jam nut receptacle	Without (Fig. 7)	UTS71412P	UTS71412S



Dimensions



Note: all dimensions are in mm



Accessories and tooling

Jam nut sealing caps



Part number
UTS14DCG



Metal terminal

Part number
UTS14DCGR

Handle



Part number
SHANGLES

Tool kit



Part number
TOOLKIT

Plug sealing cap



Part number
UTS614DCG

Square flange sealing cap



Metal terminal

Part number
UTS14DCGE

Plastic protective cap



Part numbers

Receptacle cap	Plug cap
85005588A	85005597

Gasket



Part numbers / neoprene
UTFD14B

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

Color coding rings

G for Green



Y for Yellow

R for Red

Part numbers

Receptacles	Plugs
UTS714CCRR	UTS614CCRR
UTS714CCRY	UTS614CCRY
UTS714CCRG	UTS614CCRG

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

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12 contacts
10A/63V
per IEC 61984

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

Mechanics

Electrical characteristics

UL
10A 500V UL94 V-0

CSA
7A 500V UL94 V-0

IEC
10A 63V 1.5kV 3

UTS 1412 derating curves

