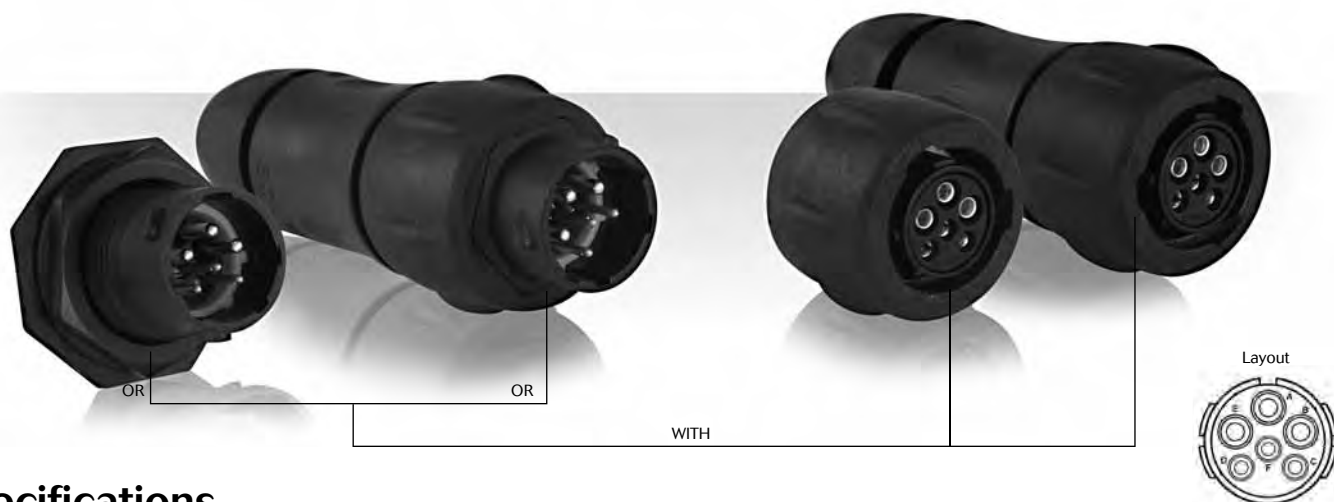
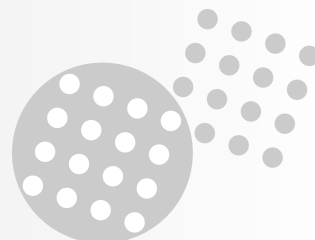


UTS Series

103W3 (3x#16 + 3x#20)



Specifications

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supply separately see page 79	Free hanging receptacle	Cable gland (Fig.1)	UTS1JC103W3P	UTS1JC103W3S
	Plug	Without (Fig.2)	UTS6103W3P	UTS6103W3S
	Plug	Cable gland (Fig.3)	UTS6JC103W3P	UTS6JC103W3S
	Jam nut receptacle	Without (Fig.4)	UTS7103W3P	UTS7103W3S
PCB contacts supply separately see page 79	Jam nut receptacle with stand off and without hold down clip	Without (Fig.4)	UTS7103W3P	UTS7103W3S

UTS Series

103W3 (3x#16 + 3x#20)



6 contacts
5A/32V
per IEC 61984

Dimensions

Free hanging - UTS1

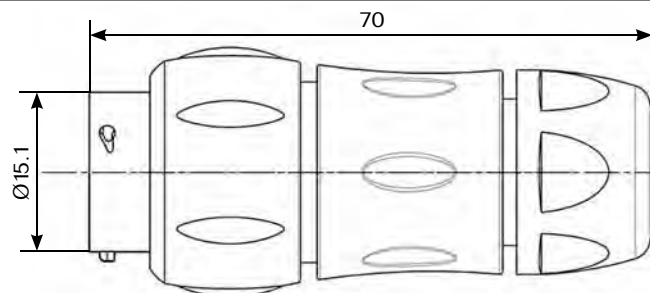


Fig. 1

Plug - UTS6

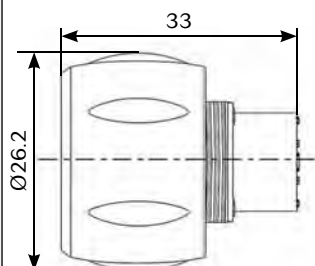


Fig. 2 Male

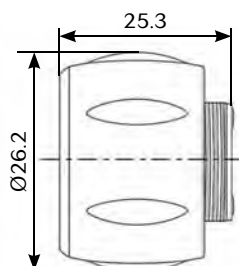


Fig. 2 Female

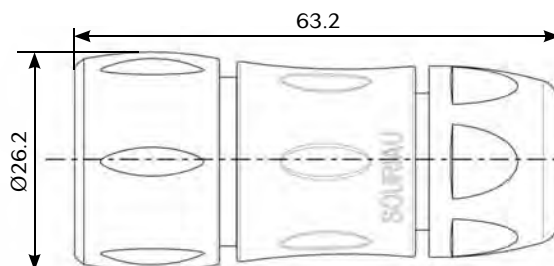


Fig. 3

Jam nut receptacle - UTS7

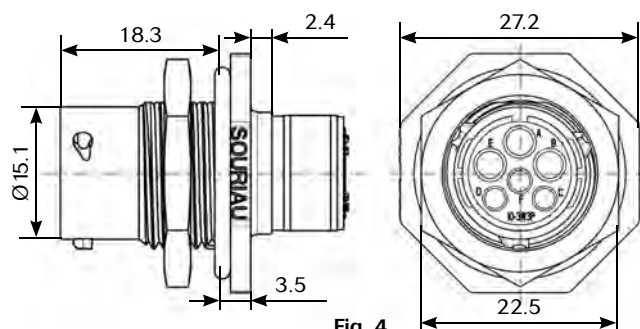
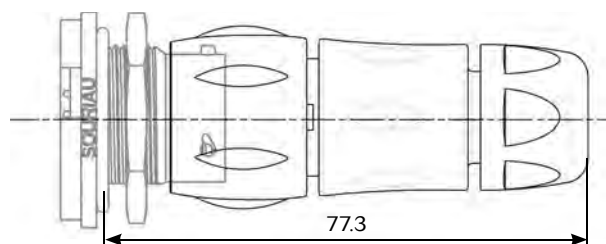


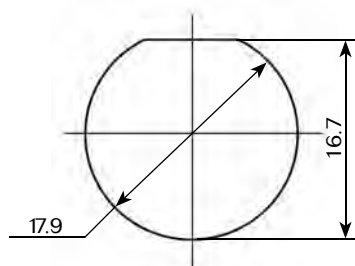
Fig. 4

Mated connector length - UTS7

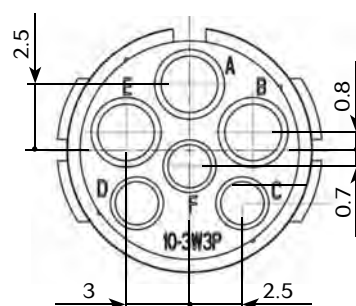


Panel cut out

Jam nut receptacle - UTS7



Drilling pattern



Note: all dimensions are in mm

UTS Series

103W3 (3x#16 + 3x#20)



Accessories and tooling

Jam nut sealing caps



Part number

UTS10DCG



Metal terminal

Part number

UTS10DCGR

Handle



Part number

SHANGLES

Tool kit



Part number

TOOLKIT

Plug sealing cap



Part number

UTS610DCG

Square flange sealing cap



Metal terminal

Part number

UTS10DCGE

Plastic protective cap



Part numbers

Receptacle
cap

85005586A

Plug cap

85005595

Gasket



Part numbers / neoprene

UTFD12B

Color coding rings

G for Green

Y for
Yellow

R for Red

Part numbers

Receptacles

UTS710CCRR

UTS710CCRY

UTS710CCRG

Plugs

UTS610CCRR

UTS610CCRY

UTS610CCRG

* 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 16ML11TK6 ⁽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
RM/RC 24W3K ⁽¹⁾	Standard contacts #20 Ø 1mm	S20RCM
RM/RC 20W3K ⁽¹⁾		S20RCM
RM/RC 18W3K ⁽¹⁾		S20RCM
SM/SC 24W3S ⁽²⁾		S20SCM20
SM/SC 24WL3S ⁽³⁾		S20SCM20
SM/SC 20W3S ⁽²⁾		S20SCM20
SM/SC 20WL3S ⁽³⁾		S20SCM20

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

(2): contact reeled

(3): loose contac

UTS Series

103W3 (3x#16 + 3x#20)



6 contacts
5A/32V
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	-	RMP0F1000	RCPOF1000B	-	-
#20						
Crimp	Machined	26-24	RM24W3K ⁽¹⁾	RC24W3K ⁽¹⁾	-	1.58
		22-20	RM20W3K ⁽¹⁾	RC20W3K ⁽¹⁾	-	1.58
		20-18	RM18W3K ⁽¹⁾	RC18W3K ⁽¹⁾	-	2.1
	Stamped & formed reeled contacts	26-24	SM24W3TK6 ⁽²⁾	SC24W3TK6 ⁽²⁾	-	0.89-1.58
		26-24	SM24W3S26 ⁽²⁾	SC24W3S25 ⁽²⁾	-	0.89-1.58
		22-20	SM20W3TK6 ⁽²⁾	SC20W3TK6 ⁽²⁾	-	1.17-2.08
		22-20	SM20W3S26 ⁽²⁾	SC20W3S25 ⁽²⁾	-	1.17-2.08
PCB	Machined ⁽³⁾	-	RMW5016K	RCW5016K	-	-

(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
5A 32V 1.5kV 3
Temperature elevation: 50°C

UTS 103W3 derating curves

