

102W2 (Shell size 10, 2x#20, 2x12)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supplied separately see page 67	Free hanging receptacle	Cable gland (Fig. 1)	UTS1JC102W2P	UTS1JC102W2S
	Plug	Without (Fig. 2)	UTS6102W2P	UTS6102W2S
	Plug	Cable gland (Fig. 3)	UTS6JC102W2P	UTS6JC102W2S
	Jam nut receptacle	Without (Fig. 4)	UTS7102W2P	UTS7102W2S

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Dimensions

Free Hanging - UTS1

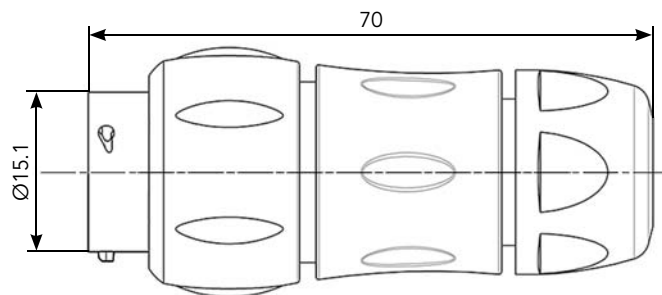


Fig. 1

Plug - UTS6

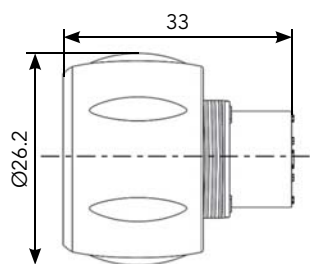


Fig. 2 Male

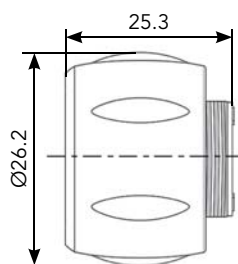


Fig. 2 Female

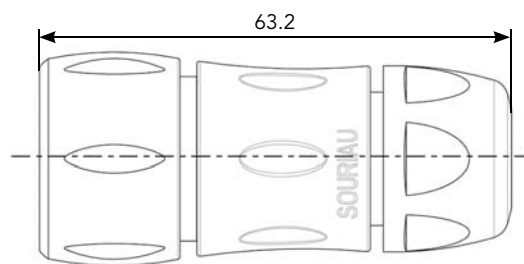


Fig. 3

Jam Nut Receptacle - UTS7

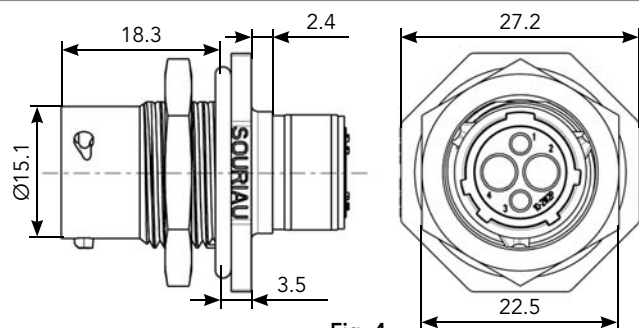
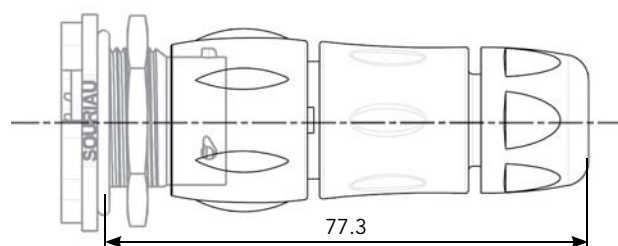


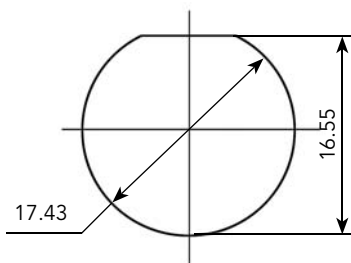
Fig. 4

Mated Connector Length - UTS7

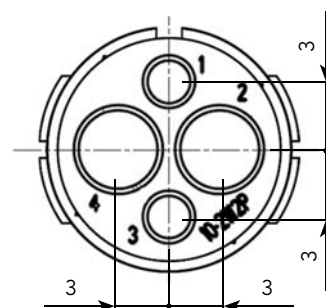


Panel Cut Out

Jam Nut Receptacle - UTS7



Drilling Pattern



Note: all dimensions are in mm

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Accessories and Tooling

Jam Nut Sealing Caps



IP68/69K

Part number
UTS10DCG



IP68/69K

Metal terminal

Part number
UTS10DCGR

Plug Sealing Cap



IP68/69K

Part number
UTS610DCG

Extraction Tool #20



Part number
RX20D44

Plastic Protective Cap



Part numbers

Receptacle cap

85005586A

Plug cap

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

Crimp Tooling #20



Part number
SHANGLES



Part number
TOOLKIT



Contacts

Contact size

Part number of head

RM/RC 24W3K⁽¹⁾

RM/RC 20W3K⁽¹⁾

RM/RC 18W3K⁽¹⁾

SM/SC 24WL3⁽¹⁾⁽²⁾

SM/SC 20WL3⁽¹⁾⁽²⁾

Standard contacts

#20

Ø 1mm

S20RCM*

S20RCM*

S20RCM*

S20SCM20*

S20SCM20*

(1): Example of plating, for other plating options see page 156

(2): loose contact

* Heads to be used with handle PN: SHANGLES



Handle



Head



Complete set

Crimp Tooling #12



Part number hand tool

M317



Part number positioner + locator setting

VGE10078A

Extraction Tool #12



Part number extraction tool

51060210924

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Contacts

#20	Contact type	AWG	Part number		Max wire Ø	Max insulator Ø
			Male	Female		
Crimp	Machined	26-24	RM24W3K	RC24W3K	0.80	1.60
		22-20	RM20W3K	RC20W3K	1.15	1.60
		20-18	RM18W3K	RC18W3K	1.30	2.10
	Stamped & Formed reeled contacts See note (2) for loose piece	26-24	SM24W3TK6 ⁽¹⁾⁽²⁾	SC24W3TK6 ⁽¹⁾⁽²⁾	-	0.90-1.60
		26-24	SM24W3S26 ⁽¹⁾⁽²⁾	SC24W3S25 ⁽¹⁾⁽²⁾	-	0.90-1.60
		22-20	SM20W3TK6 ⁽¹⁾⁽²⁾	SC20W3TK6 ⁽¹⁾⁽²⁾	-	1.20-2.10
		22-20	SM20W3S26 ⁽¹⁾⁽²⁾	SC20W3S25 ⁽¹⁾⁽²⁾	-	1.20-2.10
#12						
Crimp	Machined	22	82911457NA	82911456A	0.87	4.90
		20	82911459NA	82911458A	1.12	
		18	82911461NA	82911460A	1.42	
		16	82911463NA	82911462A	1.72	
		14	82911465NA	82911464A	2.22	
		12	82911467NA	82911466A	2.82	

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

(2): Loose piece contact available if putting L. Example: SM20WL3TK6

Note: all dimensions are in mm

Electrical Characteristics

UL
20A 500V UL94 V-0

CSA
18A 500V UL94 V-0

IEC
25A 150V 2.5kV 3
Temperature elevation: 50°C

UTS 102W2 Derating Curves

