

12E8/12D8 (Shell size 12, 8x#20)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Handsolder electrical contacts loaded see page 107	Square flange receptacle	Without (Fig. 6)	UTS012E8P	UTS012E8S
	Plug	Without (Fig. 1)	UTS612E8P	UTS612E8S
		Cable gland (Fig. 2)	UTS6JC12E8P	UTS6JC12E8S
	Jam nut receptacle	Without (Fig. 3)	UTS712E8P	UTS712E8S
PCB contacts loaded see page 107	Square flange receptacle	Without (Fig. 7)	UTS012D8P	UTS012D8S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig. 4)	UTS712D8P32	UTS712D8S32
	Jam nut receptacle with stand off and without hold down clip	Without (Fig. 5)	UTS712D8P	UTS712D8S

Possibilities of discrimination/keying methods see page 208

Sealed unmated

Overmoulded Cable Assembly Part Numbers

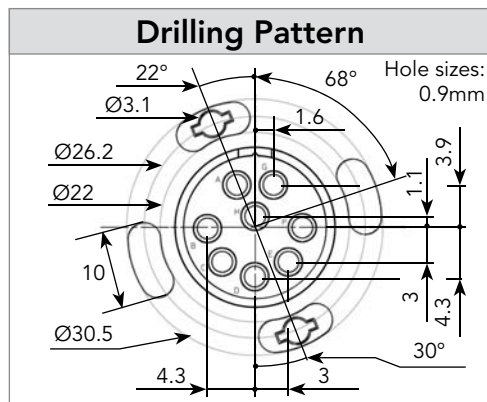
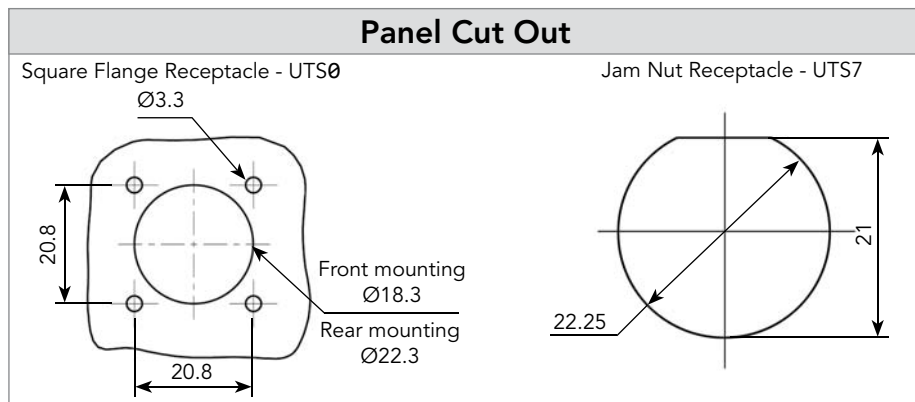
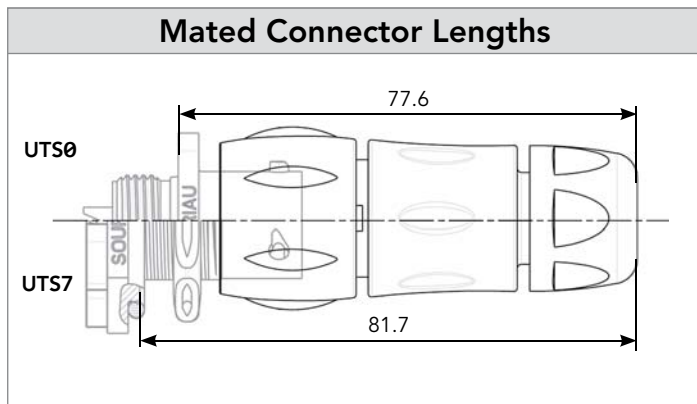
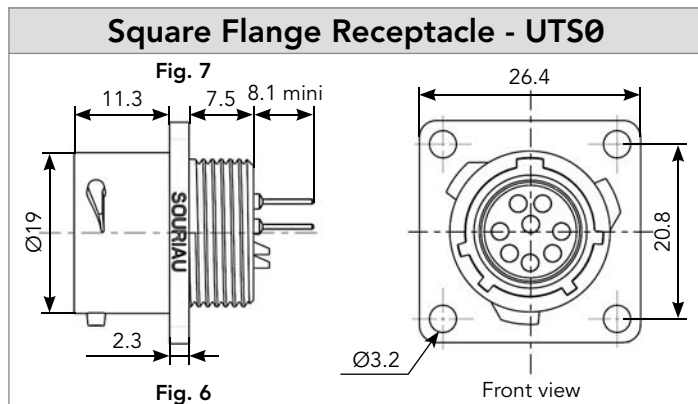
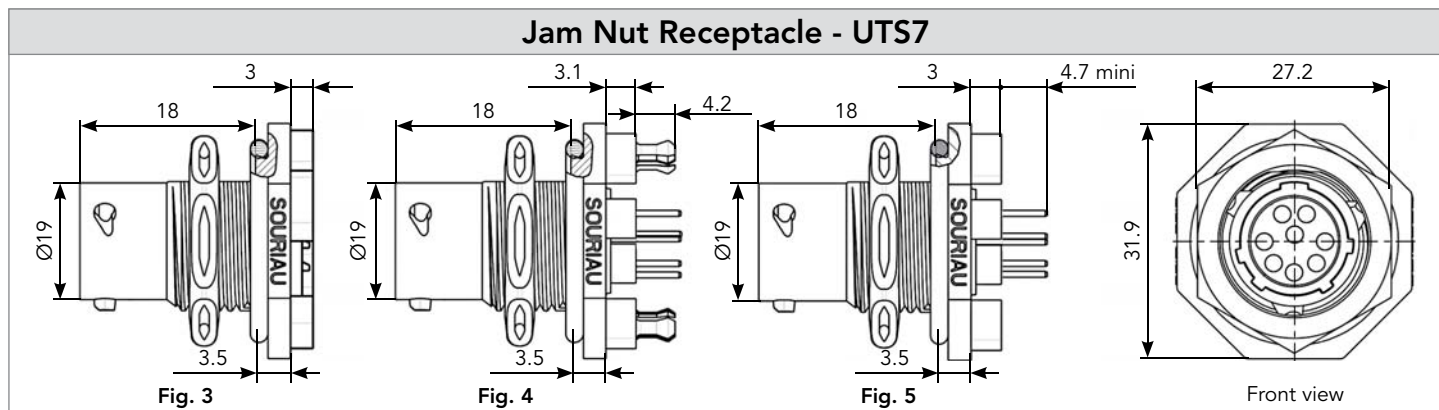
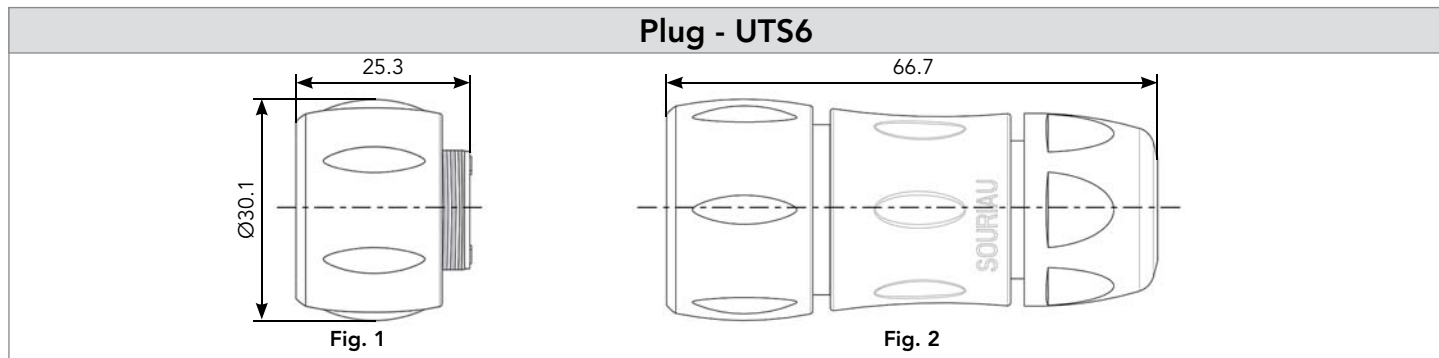
Overmoulding type	Connector type	Wire size (mm ²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1m.)*	
				Male plug	Female plug
Straight ending	Plug	0.5	H05 VV - F 8x0.5	HAUTS0V12E8PST100	HAUTS0V12E8SST100
Right angle ending	Plug	0.5	H05 VV - F 8x0.5	HAUTS0V12E8PRA100	HAUTS0V12E8SRA100

(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

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

85005587A

Plug cap

85005596

Gasket



Part numbers

UTFD13B

Color Coding Rings

G for Green



Y for
Yellow

R for Red

Part numbers

Receptacles

Plugs

UTS712CCRR

UTS612CCRR

UTS712CCRY

UTS612CCRY

UTS712CCRG

UTS612CCRG

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Contacts

#20	Contact type	Plating	Cable acceptance (AWG)	Wire stripping length
Handsolder	Loaded in the connector	Min 0.4μ gold over 0.8μ Ni	22 to 18	5 mm
PCB	Machined ⁽¹⁾	Min 0.4μ gold over 0.8μ Ni	-	-

(1): For dimensions see page 169

Electrical Characteristics

UL
4.5A 250V UL94 HB

CSA
4.5A 250V UL94 HB

IEC
6A 32V 1.5kV 3

UTS 12E8/12D8 Derating Curves

