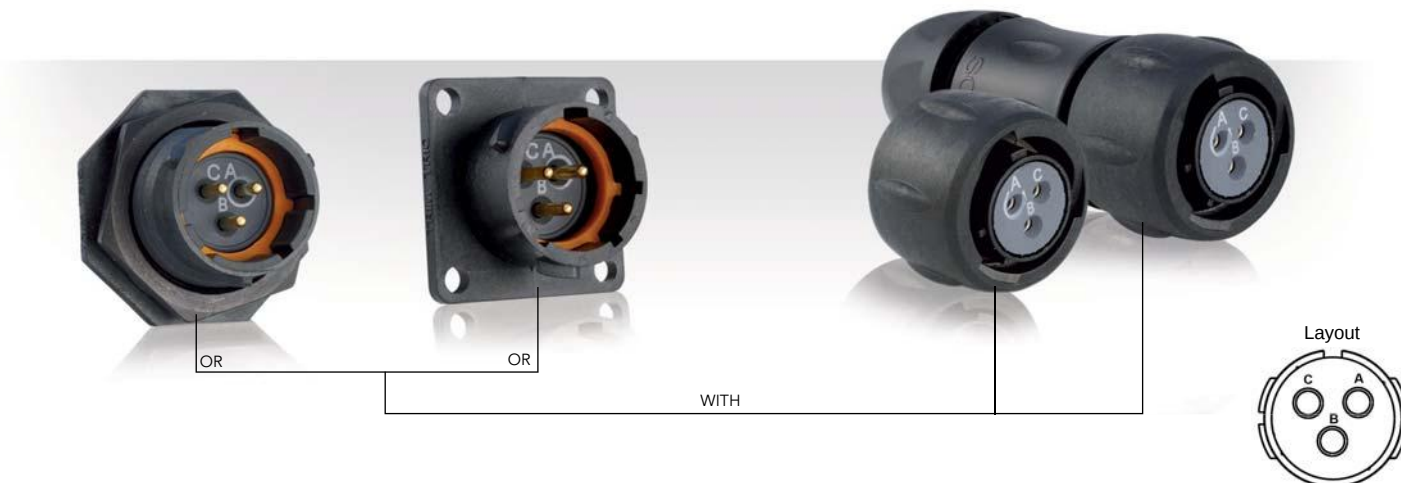


12E3/12D3 (Shell size 12, 3x#16)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Hand solder electrical contacts loaded see page 51	Square flange receptacle	Without (Fig. 6)	UTS012E3P	UTS012E3S
	Plug	Without (Fig. 1)	UTS612E3P	UTS612E3S
		Cable gland (Fig. 2)	UTS6JC12E3P	UTS6JC12E3S
	Jam nut receptacle	Without (Fig. 3)	UTS712E3P	UTS712E3S
PCB contacts loaded see page 51	Square flange receptacle	Without (Fig. 7)	UTS012D3P	UTS012D3S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig. 5)	UTS712D3P32	UTS712D3S32
	Jam nut receptacle with stand off and without hold down clip	Without (Fig. 4)	UTS712D3P	UTS712D3S

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	1.5	H05 VV - F 3x1.5	HAUTS0V12E3PST100	HAUTS0V12E3SST100
Right angle ending	Plug	1.5	H05 VV - F 3x1.5	HAUTS0V12E3PRA100	HAUTS0V12E3SRA100

(1) Other cable available on demand

* Other lengths available on demand

12E3/12D3 (Shell size 12, 3x#16)

Dimensions

Plug - UTS6

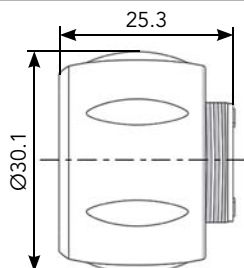


Fig. 1

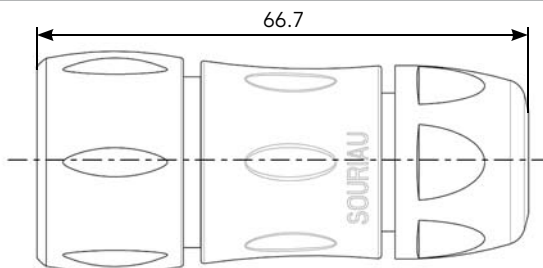


Fig. 2

Jam Nut Receptacle - UTS7

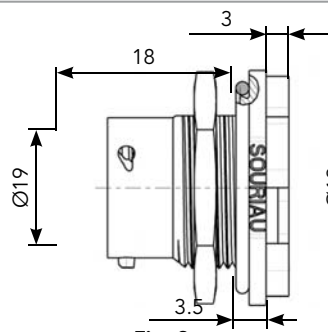


Fig. 3

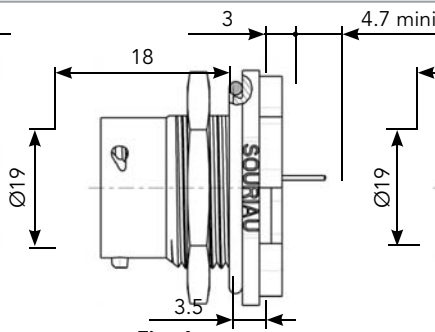


Fig. 4

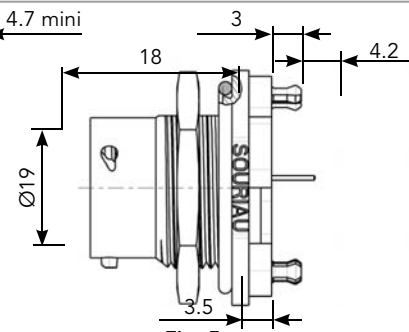
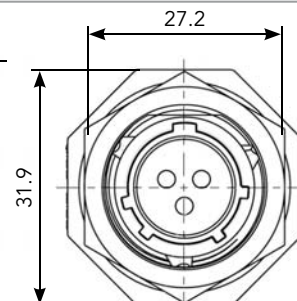


Fig. 5



Front view

Square Flange Receptacle - UTS0

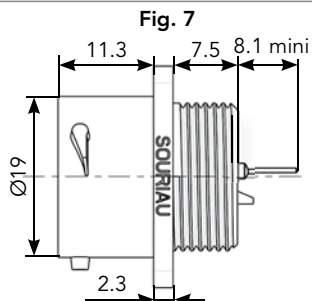
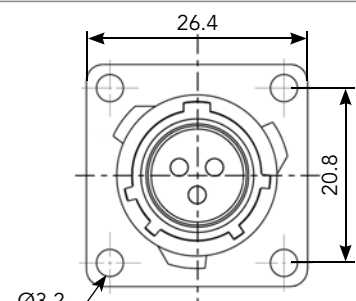
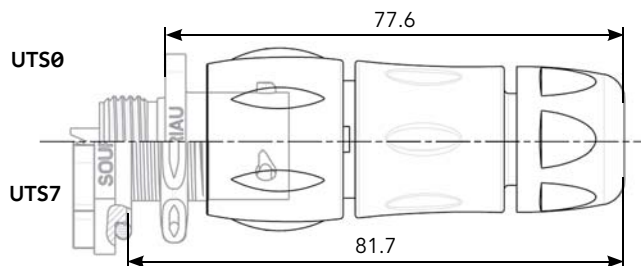


Fig. 6



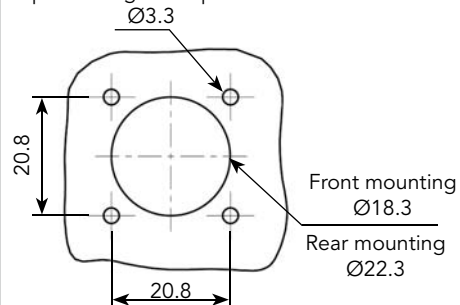
Front view

Mated Connector Lengths

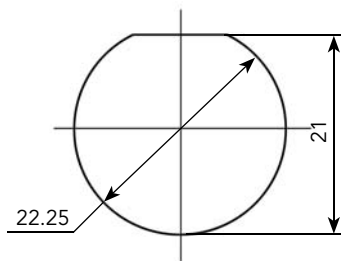


Panel Cut Out

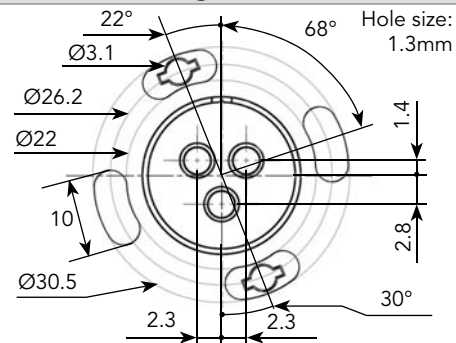
Square Flange Receptacle - UTS0



Jam Nut Receptacle - UTS7



Drilling Pattern



Note: Overmoulded cable assembly dimensions available page 179.

Note: all dimensions are in mm

12E3/12D3 (Shell size 12, 3x#16)

Accessories

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

12E3/12D3 (Shell size 12, 3x#16)

Contacts

#16	Contact type	Plating	Cable acceptance (AWG)	Wire stripping length
Handsolder	Loaded in the connector	Min 0.4μ gold over 0.8μ Ni	18 to 14	5 mm
PCB	Machined ⁽¹⁾	Min 0.4μ gold over 0.8μ Ni	-	-

(1): For dimensions see page 169

3

Electrical Characteristics

UL
13A 600V UL94 HB

CSA
13A 600V UL94 HB

IEC
16A 150V 2.5kV 3

UTS 12E3/12D3 Derating Curves

