

8E3/8D3 (Shell size 8, 3x#20)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Hand solder electrical contacts loaded see page 39	Square flange receptacle	Without (Fig. 1)	UTS08E3P	UTS08E3S
	Plug	Without (Fig. 7)	UTS68E3P	UTS68E3S
		Cable gland (Fig. 8)	UTS6JC8E3P	UTS6JC8E3S
	Jam nut receptacle	Without (Fig. 4)	UTS78E3P	UTS78E3S
	M12 threaded receptacle	Without (Fig.3)	UTS78E3PM12	UTS78E3SM12
PCB contacts loaded see page 39	Square flange receptacle	Without (Fig. 2)	UTS08D3P	UTS08D3S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig. 6)	UTS78D3P32	UTS78D3S32
	Jam nut receptacle with stand off and without hold down clip	Without (Fig. 5)	UTS78D3P	UTS78D3S
	M12 threaded receptacle	Without (Fig.3)	UTS78D3PM12	UTS78D3SM12

Possibilities of discrimination/keying methods see page 208

Sealed unmated

Overmoulded Cable Assembly Part Numbers

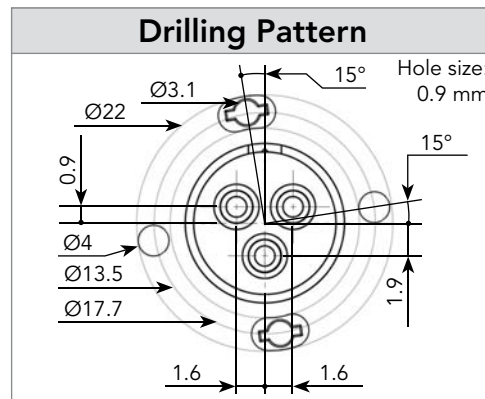
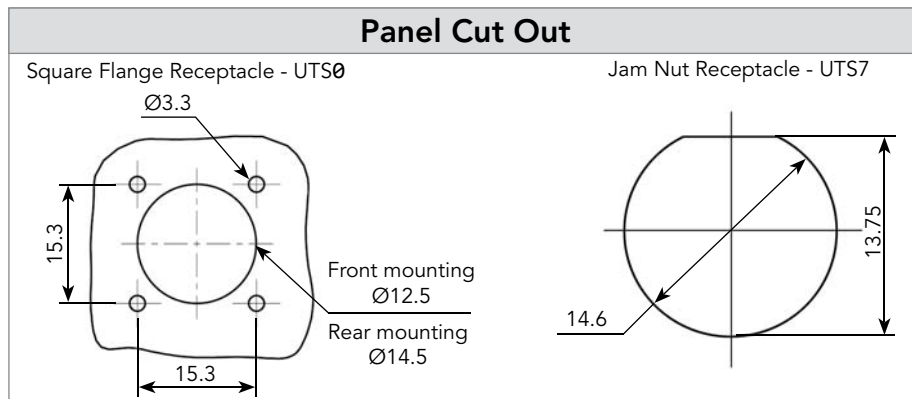
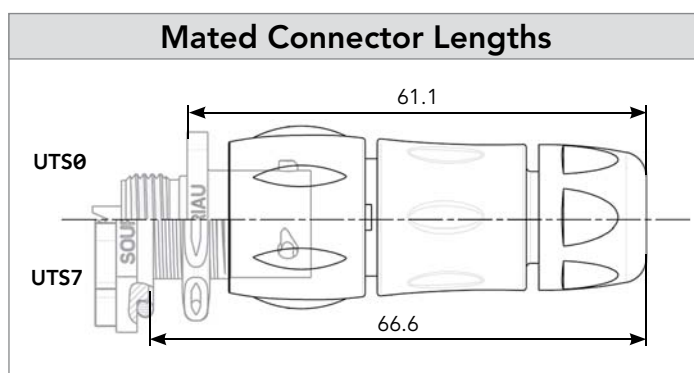
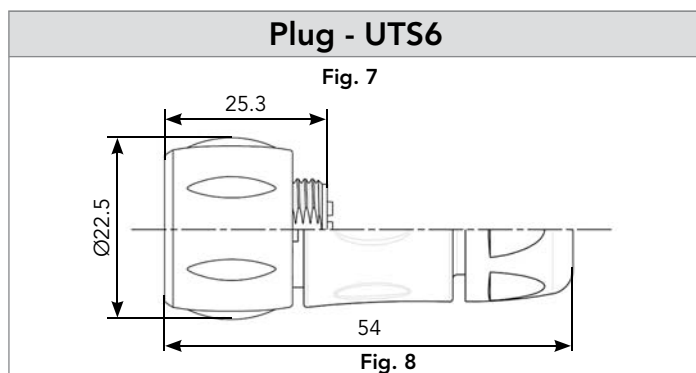
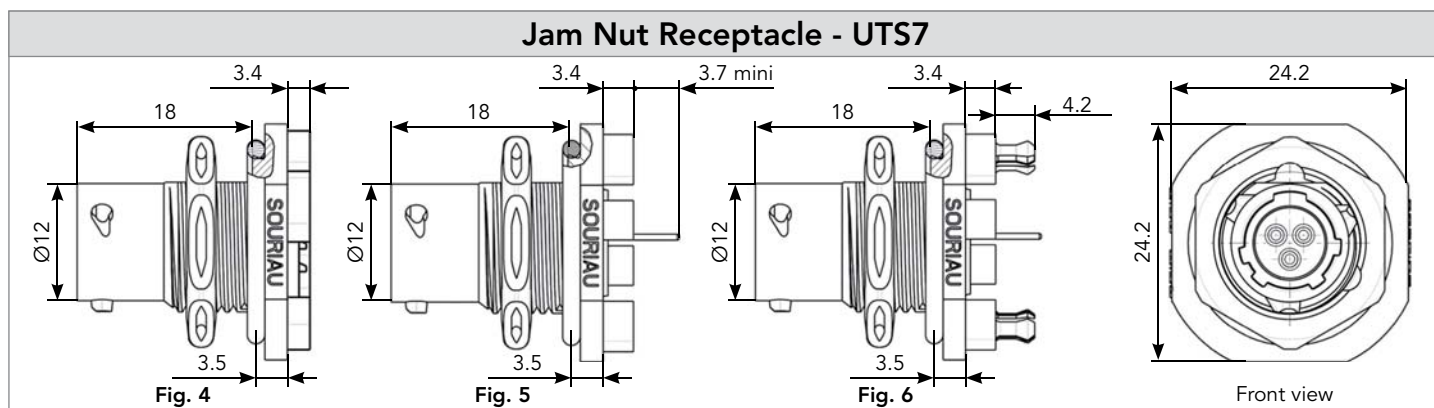
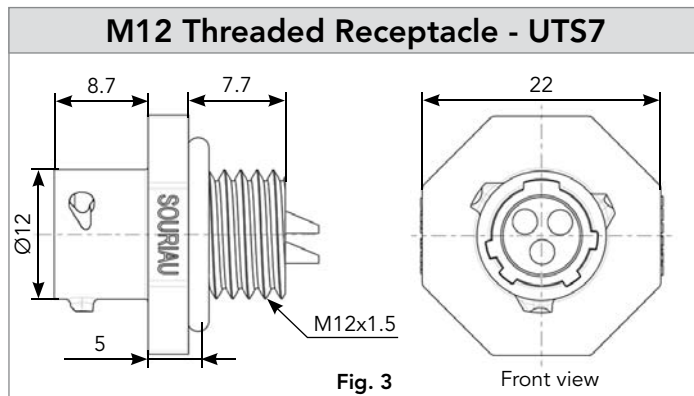
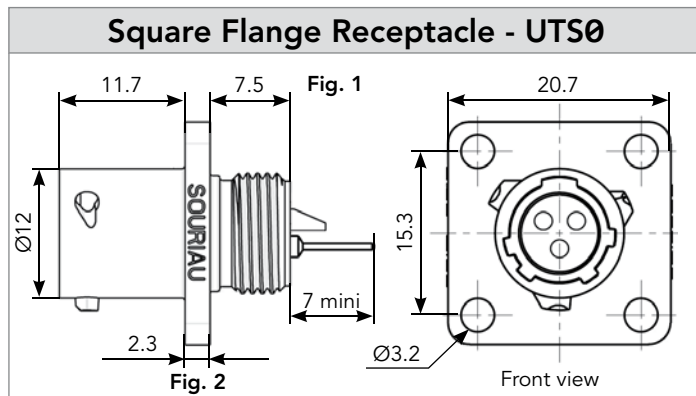
Overmoulding type	Connector type	Wire size (mm ²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1m.)*	
				Male plug	Female plug
Straight ending	Plug	0.5	H05 VV - F 3x0.5	HAUTS0V8E3PST100	HAUTS0V8E3SST100
Right angle ending	Plug	0.5	H05 VV - F 3x0.5	HAUTS0V8E3PRA100	HAUTS0V8E3SRA100

(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

Jam Nut Sealing Caps



IP68/69K

Part number
UTS8DCG



IP68/69K Metal terminal

Part number
UTS8DCGR

Square Flange Sealing Cap



IP68/69K Metal terminal

Part number
UTS8DCGE

Plug Protective Cap



IP40

Part number
UTS68C

Plastic Protective Cap



Part numbers	
Receptacle cap	Plug cap
85005585A	85005594

Gasket



Part numbers
UTFD11B

Color Coding Rings

G for Green



Y for Yellow



R for Red



Part numbers	
Receptacles	Plugs
UTS78CCRR	UTS68CCRR
UTS78CCRY	UTS68CCRY
UTS78CCRG	UTS68CCRG

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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

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Electrical Characteristics

UL
7A 250V UL94 HB

CSA
7A 250V UL94 HB

IEC
7A 32V 1.5kV 3

UTS 8E3/8D3 Derating Curves

