

124 - 12E4/12D4 (Shell size 12, 3 + ground, 4x#16)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supplied separately see page 55	Square flange receptacle	Without (Fig. 1)	UTS0124P	-
	Jam nut receptacle	Without (Fig. 4)	UTS7124P	UTS7124S
	Free hanging receptacle	Cable gland (Fig. 12)	UTS1JC124P	UTS1JC124S
	Plug	Without (Fig. 10)	UTS6124P	UTS6124S
Screw contacts loaded	Plug	Cable gland (Fig. 11)	UTS6JC124P	UTS6JC124S
		Without (Fig. 6 & 7)	UTS7124PSCR	UTS7124SSCR
	Free hanging receptacle	Without (Fig. 10)	UTS6124PSCR	UTS6124SSCR
		Cable gland (Fig. 11)	UTS6JC124PSCR	UTS6JC124SSCR
PCB contacts supplied separately see page 55	Square flange receptacle	Without (Fig. 3)	UTS0124P	-
	Jam nut receptacle	Without (Fig. 5)	UTS7124P	UTS7124S
Hand solder electrical contacts loaded see page 55	Square flange receptacle	Without (Fig. 2)	UTS012E4P	UTS012E4S
	Jam nut receptacle	Without (Fig. 9)	UTS712E4P	UTS712E4S
	Plug	Without (Fig. 10)	UTS612E4P	UTS612E4S
	Plug	Cable gland (Fig. 11)	UTS6JC12E4P	UTS6JC12E4S
PCB contacts loaded	Square flange receptacle	Without (Fig. 3)	UTS012D4P	UTS012D4S
	Jam nut receptacle with stand off and without hold down clip	Without (Fig.8)	UTS712D4P	UTS712D4S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig. 9)	UTS712D4P32	UTS712D4S32

Sealed unmated

Overmoulded Cable Assembly Part Numbers

Overmoulding type	Connector type	Wire size (mm²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1m.)*	
				Male plug	Female plug
Straight ending	Plug	1.5	H05 VV - F 4x1.5	HAUTS0V124PST100	HAUTS0V124SST100
				HAUTS0V12E4PST100	HAUTS0V12E4SST100
Right angle ending	Plug	1.5	H05 VV - F 4x1.5	HAUTS0V124PRA100	HAUTS0V124SRA100
				HAUTS0V12E4PRA100	HAUTS0V12E4SRA100

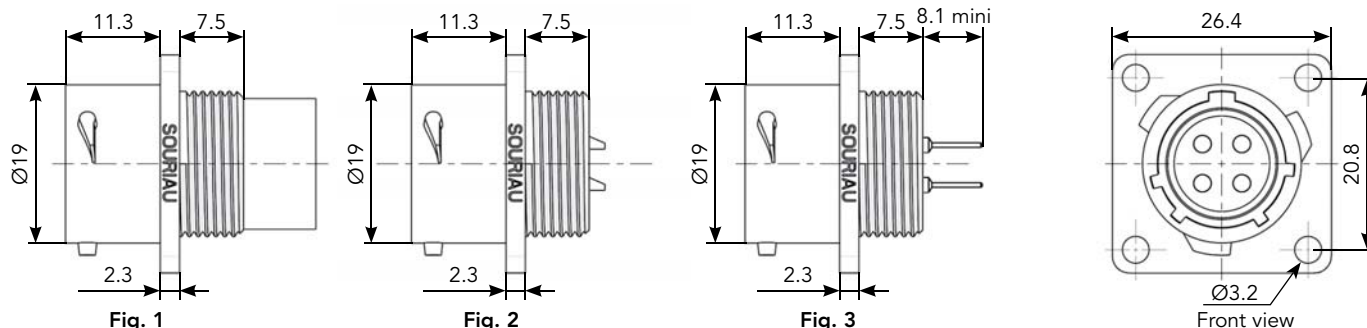
(1) Other cable available on demand

* Other lengths available on demand

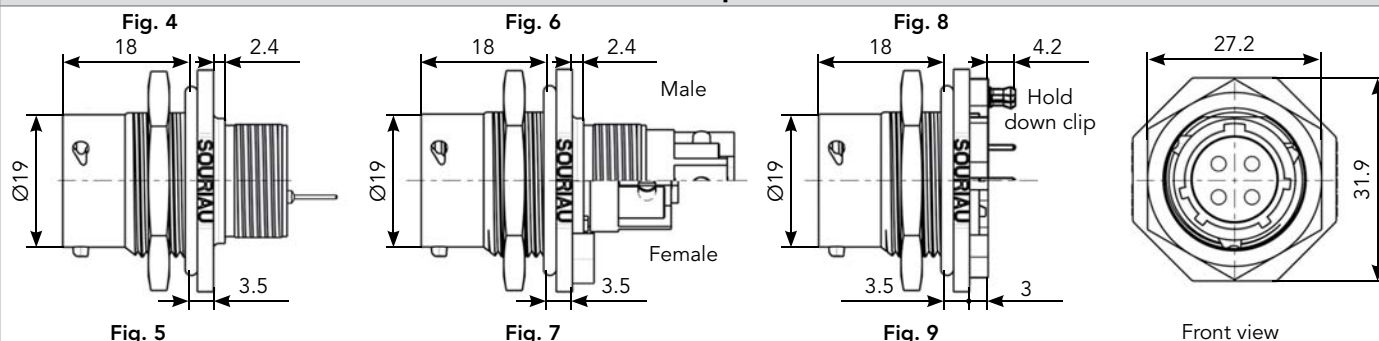
124 - 12E4/12D4 (Shell size 12, 3 + ground, 4x#16)

Dimensions

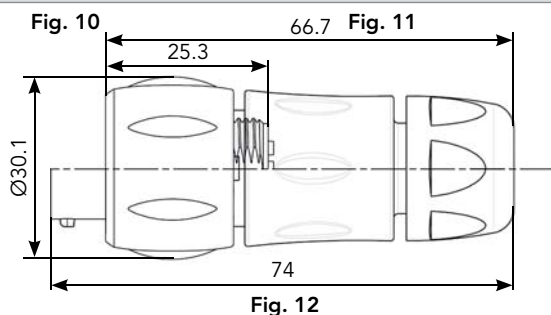
Square Flange Receptacle - UTS0



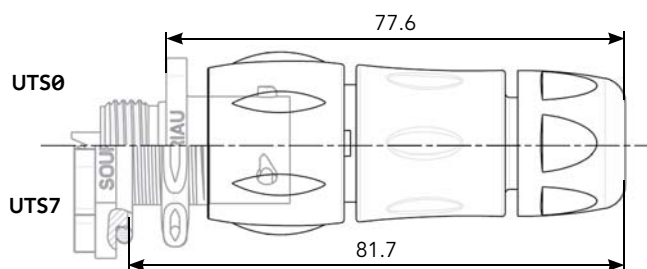
Jam Nut Receptacle - UTS7



Free Hanging - UTS1 / Plug - UTS6

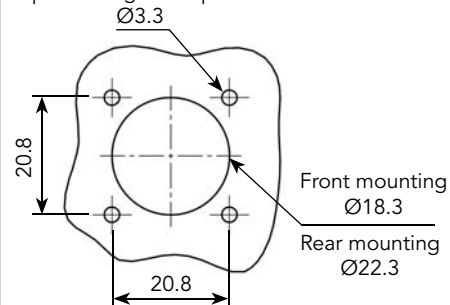


Mated Connector Lengths

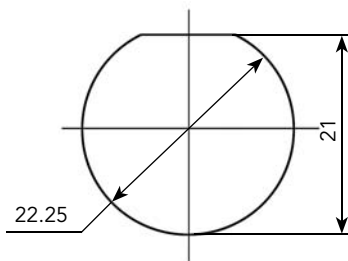


Panel Cut Out

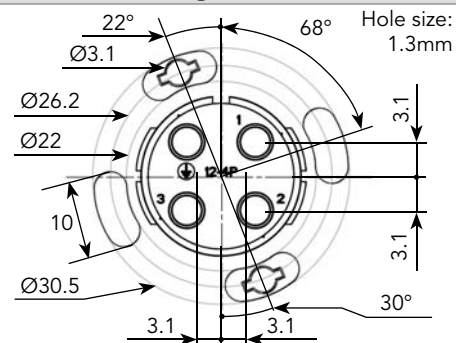
Square Flange Receptacle - UTS0



Jam Nut Receptacle - UTS7



Drilling Pattern



Note: Overmoulded cable assembly dimensions available page 179.

Note: all dimensions are in mm

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Accessories and Tooling

Jam Nut Sealing Caps



IP68/69K

Part number

UTS12DCG



IP68/69K

Metal terminal

Part number

UTS12DCGR

Handle (without Head)



Part number

SHANDLES

Tool Kit



Part number

TOOLKIT

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

Plug cap

85005587A

85005596

Gasket



Part numbers

UTFD13B

Crimp Tooling (without Shandles)



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 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	M10S1J with die set & stop bushing see page 200 to 204
RCDXK1D28K		
RM/RC DX60xxD28K		
RM/RC DXK10D28 + yorK090		
RM/RC DX60xxD28		

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

* Heads to be used with handle PN: SHANDLES

Color Coding Rings

G for Green



Y for Yellow



R for Red



Part numbers

Receptacles

Plugs

UTS712CCRR

UTS612CCRR

UTS712CCRY

UTS612CCRY

UTS712CCRG

UTS612CCRG



Handle



Head



Complete set

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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	1.00
		26-24	RM24M9K ⁽¹⁾	RC24M9K ⁽¹⁾	0.80	1.60
		22-20	RM20M13K ⁽¹⁾	RC20M13K ⁽¹⁾	1.15	1.80
		22-20	RM20M12K ⁽¹⁾	RC20M12K ⁽¹⁾	1.15	2.20
		20-16	RM16M23K ⁽¹⁾	RC16M23K ⁽¹⁾	1.80	3.20
		16-14	RM14M30K ⁽¹⁾	RC14M30K ⁽¹⁾	2.30	3.20
	Stamped & Formed reeled contacts See note (2) for loose piece	26-24	SM24M1TK6 ⁽¹⁾⁽²⁾	SC24M1TK6 ⁽¹⁾⁽²⁾	-	0.90-1.60
		22-20	SM20M1TK6 ⁽¹⁾⁽²⁾	SC20M1TK6 ⁽¹⁾⁽²⁾	-	1.20-2.10
		18-16	SM16M1TK6 ⁽¹⁾⁽²⁾	SC16M1TK6 ⁽¹⁾⁽²⁾	-	3.20
		18-16	SM16M11TK6 ⁽¹⁾⁽²⁾	SC16M11TK6 ⁽¹⁾⁽²⁾	-	3.00
		14	SM14M1TK6 ⁽¹⁾⁽²⁾	SC14M1TK6 ⁽¹⁾⁽²⁾	-	3.20
PCB	Machined ⁽³⁾	-	RM20M12E83K ⁽¹⁾	RC20M12E84K ⁽¹⁾	-	-
Coaxial	Cable Multipiece	see pages 167, 200 to 206	RMDXK10D28	RCDXK1D28	-	-
	Cable Monocrimp		RMDX60xxD28	RCDX60xxD28	-	-
	Twisted pair Multipiece		RMDXK10D28 + york090	RCDXK1D28 + york090	-	-
	Twisted pair Monocrimp		RMDX60xxD28	RCDX60xxD28	-	-
Fiber optic	POF contacts (Plastic Optical Fiber)	-	RMPOF1000	RCPOF1000B	-	-
Hand-solder	Loaded in the connector	14-18	-	-	-	-

(1): Example of plating, for other plating see page 164 (2): Loose piece contact available if putting L. Example: **SM20ML1TK6** (3): For dimensions see page 168 Note: all dimensions are in mm

Electrical Characteristics

UL
10A 500V UL94 V-0

CSA
7A 500V UL94 V-0

IEC
16A 300V 4kV 3
Temperature elevation: 50°C

UTS 124 - 12E4/12D4 Derating Curves

