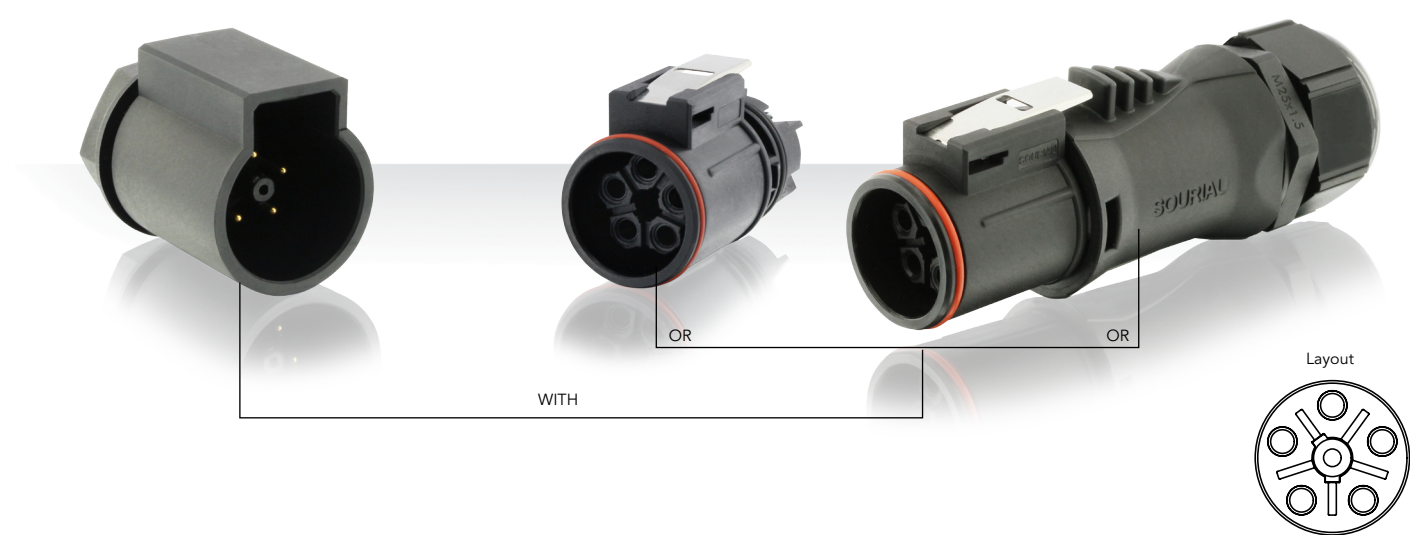


145 (shell size 14, 5x#16)



Connector part number

Contact type	Connector type	Part number	
		Male insert	Female insert
Crimp contacts to be ordered separately see page 25	Plug with backshell*	-	UTL6JC145S
	Plug without backshell	-	UTL6145S
	Jam-nut without backshell	UTL7145P	-
Screw termination contacts, delivered with connector	Plug with backshell*	-	UTL6JC145SSCR
	Plug without backshell	-	UTL6145SSCR

* Non removable backshell when mated. IP68/69K not guaranteed if backshell removed.

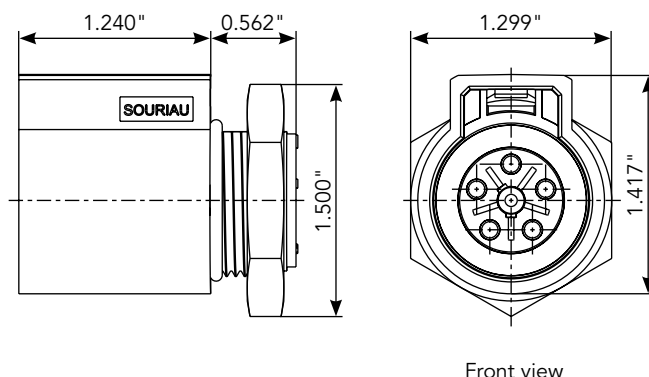
Overmolded cable assembly

Please consult us.

145 (shell size 14, 5x#16)

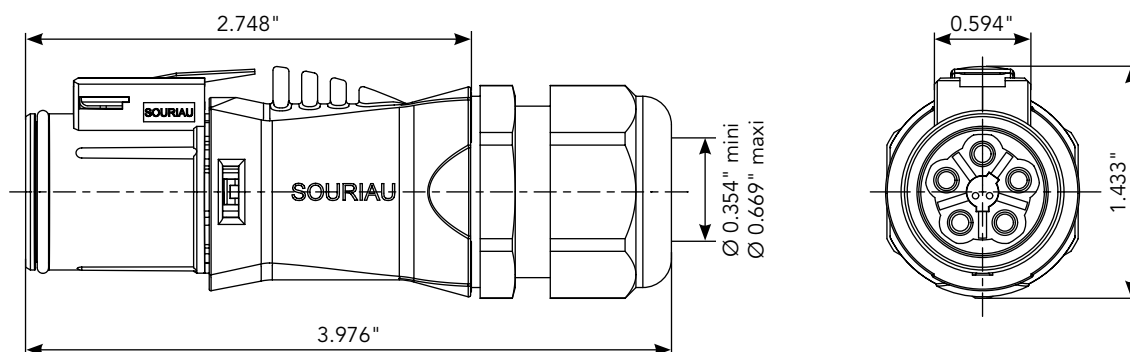
Dimensions (for mated connector lengths see page 58)

Jam nut receptacle - UTL7



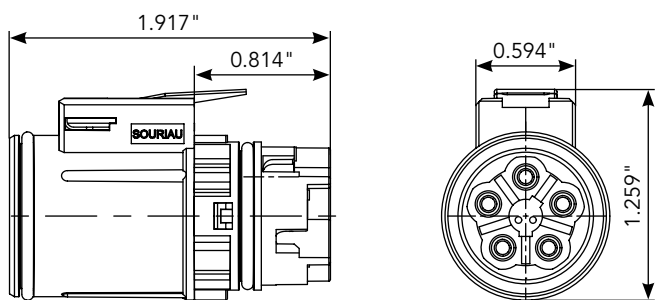
Front view

Plug - UTL6 with backshell



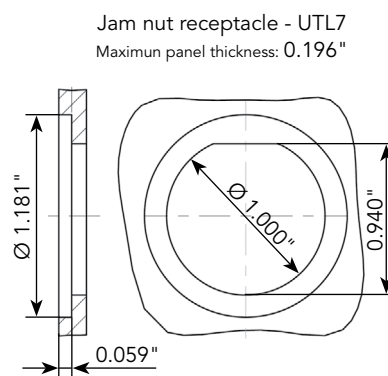
Front view

Plug - UTL6 without backshell



Front view

Panel cut out

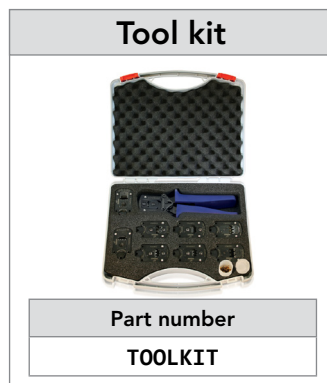


Jam nut receptacle - UTL7
Maximum panel thickness: 0.196"

Note: all dimensions are in inches and for information only

145 (shell size 14, 5x#16)

Tooling



Head crimp tooling (without handles)		
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*

(1): Example of plating, for other plating options see page 38
 * Heads to be used with handle PN: SHANDLES



145 (shell size 14, 5x#16)**Contacts**

#16	Contact type	AWG	Part number		Max wire Ø	Max insulator Ø
			Male	Female		
Crimp	Machined	30-28	RM28M1K ⁽¹⁾	RC28M1K ⁽¹⁾	0.021"	0.039"
		26-24	RM24M9K ⁽¹⁾	RC24M9K ⁽¹⁾	0.031"	0.062"
		22-20	RM20M13K ⁽¹⁾	RC20M13K ⁽¹⁾	0.046"	0.070"
		22-20	RM20M12K ⁽¹⁾	RC20M12K ⁽¹⁾	0.046"	0.086"
		20-16	RM16M23K ⁽¹⁾	RC16M23K ⁽¹⁾	0.070"	0.125"
		16-14	RM14M30K ⁽¹⁾	RC14M30K ⁽¹⁾	0.090"	0.125"
	Machined sealed (with O-Ring for IP68/69K unmated)	20-16	RM16M25K	RC16M25K	0.070"	0.125"
		16-14	RM14M25K	RC14M25K	0.089"	0.125"
	Stamped & Formed reeled contacts See note (2) for loose piece	26-24	SM24M1TK6 ⁽¹⁾⁽²⁾	SC24M1TK6 ⁽¹⁾⁽²⁾	-	0.035"-0.062"
		22-20	SM20M1TK6 ⁽¹⁾⁽²⁾	SC20M1TK6 ⁽¹⁾⁽²⁾	-	0.047"-0.082"
		18-16	SM16M1TK6 ⁽¹⁾⁽²⁾	SC16M1TK6 ⁽¹⁾⁽²⁾	-	0.125"
		18-16	SM16M11TK6 ⁽¹⁾⁽²⁾	SC16M11TK6 ⁽¹⁾⁽²⁾	-	0.118"
		14	SM14M1TK6 ⁽¹⁾⁽²⁾	SC14M1TK6 ⁽¹⁾⁽²⁾	-	0.125"
Coaxial	Cable multipiece	see pages 41, 78 to 79	RMDXK10D28	RCDXK1D28	-	-
	Cable monocrimp		RMDX60xxD28	RCDX60xxD28	-	-
	Twisted pair multipiece		RMDXK10D28 + york090	RCDXK1D28 + york090	-	-
	Twisted pair monocrimp		RMDX60xxD28	RCDX60xxD28	-	-

(1): Example of plating, for other plating options see page 38

(2): For loose piece contact packaging, place "L" in part number. Example: SM20ML1TK6

Note: all dimensions are in inches

Electrical characteristics

UL
16A 600V V0
13A 277V for CBC use

CN
13A 600V
10A 277V for CBC use

IEC
16A 500V 4KV 4
13A 250V 2.5KV 4 for CBC use

UTL145 derating curves