SOURIAU

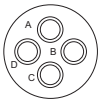
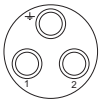
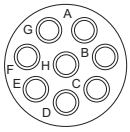
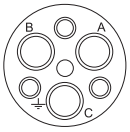
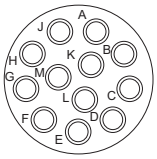
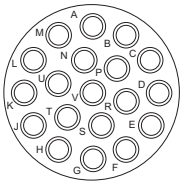
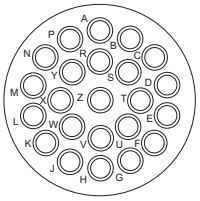
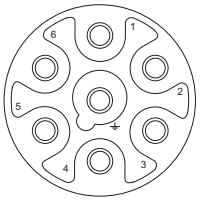
The full plastic circular connector

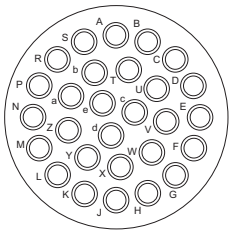
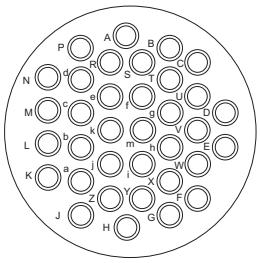
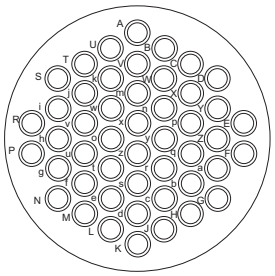
UTP provides the complete answer to the need for economical lightweight and robust circular connector

Flammability rating	UL94-V0 compliant
Rapid and secure locking	Locks with audible positive «click»
Interconnectivité & intermariable	Intermateable and interchangeable with UTO, UTG and UTS Series
Complete range of contacts	Trim Trio contacts #16

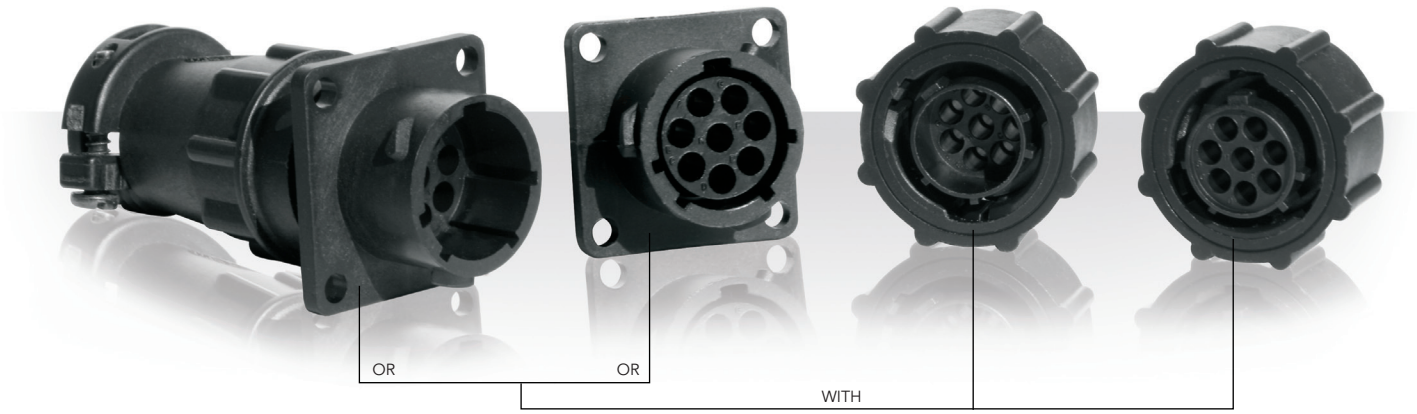
Esterline
Connection Technologies

Layout

Shell size	Contact # 16 (Ø 1,6)	Mixed power / signal versions
10	 10-4	 10-3 3 x #16 (Ø 1,6) Group C 250V
12	 12-8	 12-2G1
14	 14-12	
16	 16-19	
18	 18-23	 18-7 Group C 380V 7 x # 16 (Ø 1,6)

Shell size	Contact # 16 (Ø 1,6)	Mixed power / signal versions
20	 20-28	
22	 22-35	
24	 24-48	

Contact identification positions shown are for mating face of pin contact connectors and wire face of socket contact connectors.



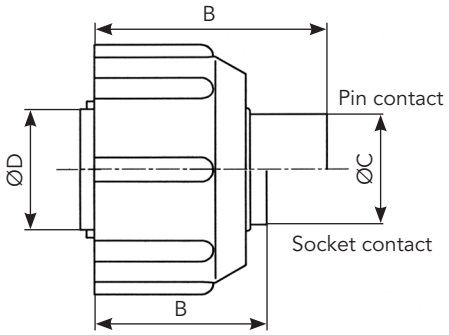
Specifications

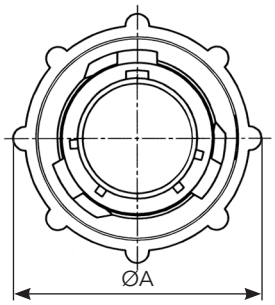
Connector type	Shell size	Contacts number*	Part number	
			Male insert	Female insert
Cable plug	10	4	UTP6104P	UTP6104S
			UTP6103P	UTP6103S
	12	8	UTP6128P	UTP6128S
		2 + ground	UTP6122G1P	UTP6122G1S
	14	12	UTP61412P	UTP61412S
	16	19	UTP61619P	UTP61619S
	18	23	UTP61823P	UTP61823S
		6 + ground	UTP6187P	UTP6187S
	20	28	UTP62028P	UTP62028S
	22	35	UTP62235P	UTP62235S
	24	48	UTP62448P	UTP62448S
Panel mounting receptacle	10	4	UTP0104P	UTP0104S
			UTP0103P	UTP0103S
	12	8	UTP0128P	UTP0128S
		2 + ground	UTP0122G1P	UTP0122G1S
	14	12	UTP01412P	UTP01412S
	16	19	UTP01619P	UTP01619S
	18	23	UTP01823P	UTP01823S
		6 + ground	UTP0187P	UTP0187S
	20	28	UTP02028P	UTP02028S
	22	35	UTP02235P	UTP02235S
	24	48	UTP02448P	UTP02448S

*Contacts supply separately

Dimensions

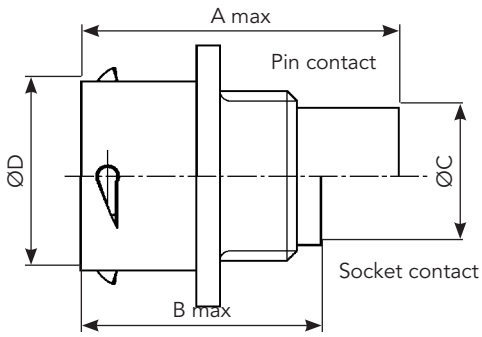
Cable Plug - UTP6

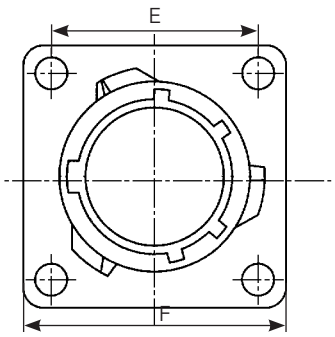


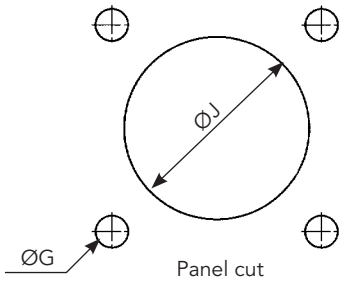


Shell size	ØA±0.2	B max		ØC±0.15	ØD±0.15	ØE±0.2
		Pin contact	Socket contact			
10	26.7	31.8	23.9 / 26.75	10.9	12.2	19.1
12	31.4		23.9	13.8	15.1	
14	34.5			17.0	18.3	
16	37.8			19.9	21.5	
18	40.8	31.8 / 33.0	23.9 / 29.0	22.4	24.0	
20	43.9	31.8	24.9	25.6	27.2	
22	47.0			28.5	30.4	
24	50.1		26.2	31.7	33.5	

Panel Mounting - UTP0







Shell size	A max		B±0.15	C±0.2	ØD±0.15	ØE±0.2	F±0.25	ØG±0.1	ØJ±0.1
	Pin contact	Socket contact							
10	31.7	24.3 / 27.6	2.3	11.3	15.0	18.3	23.8	3.2	15.1
12		24.3			19.0	20.6	26.2		18.2
14					22.2	23.0	28.6		21.4
16					25.3	24.6	31.0		24.6
18	31.7 / 34.0	24.3 / 30.4	2.5	11.3 / 17.9	28.5	27.0	33.3		27.7
20	33.3	27.0		14.5	31.7	29.4	36.5		30.9
22		28.0	3.5		34.9	31.8	39.7		34.1
24		30.4		15.3	38.0	34.9	42.9	3.9	37.3

Note: all dimensions are in mm

Accessories and tooling

Cable Clamp

Part number	Shell size
UTG10AC	10
UTG12AC	12
UTG14AC	14
UTG16AC	16
UTG18AC	18
UTG20AC	20
UTG22AC	22
UTG24AC	24

Cable Clamp for Waterprotected (IP65) Applications

Part number	Shell size
UTG10PG	10
UTG12PG	12
UTG14PG	14
UTG16PG	16
UTG18PG	18
UTG20PG	20
UTG22PG	22
UTG24PG	24

Cable Gland for Waterprotected (IP65) Applications

Part number	Shell size
UTG10ST	10
UTG12ST	12
UTG14ST	14
UTG16ST	16
UTG18ST	18
UTG20ST	20
UTG22ST	22
UTG24ST	24

Metal Shrink Boot

Part number	Shell size
UTG10AD	10
UTG12AD	12
UTG14AD	14
UTG16AD	16
UTG18AD	18
UTG20AD	20
UTG22AD	22
UTG24AD	24

Dustcap (Receptacle)

Part number	Shell size
UTP10DC	10
UTP12DC	12
UTP14DC	14
UTP16DC	16
UTP18DC	18
UTP20DC	20
UTP22DC	22
UTP24DC	24

Dustcap with Chain (Receptacle)

Part number	Shell size
UTP10DCG	10
UTP12DCG	12
UTP14DCG	14
UTP16DCG	16
UTP18DCG	18
UTP20DCG	20
UTP22DCG	22
UTP24DCG	24

Plastic Protective Cap for Receptacle

Part number	Shell size
8500-5586A	10
8500-5587A	12
8500-5588A	14
8500-5589A	16
8500-5590A	18
8500-5591A	20
8500-5592A	22
8500-5593A	24

Gasket

Part number	Shell size
UTFD12B	10
UTFD13B	12
UTFD14B	14
UTFD15B	16
UTFD16B	18
UTFD17B	20
UTFD18B	22
UTFD19B	24

Handle

Part number
SHANDLES

Tool Kit

Part number
TOOLKIT

Crimp Tooling

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	M10S-1J with die set & stop bushing
RCDXK1D28K		
RM/RC DX60xxD28K		
RM/RC DXK10D28 + york090		
RM/RC DX60xxD28		

(1): example of plating, for other plating contact us

* Heads to be used with Handle PN: SHANDLES

SOURIAU

souriau-industrial.com

contactindustry@souriau.com

Esterline
Connection Technologies

WPNUTPEUSEN01 © Copyright SOURIAU 2014 - All information in this document presents only general particulars and shall not form part of any contract. All rights reserved to SOURIAU for changes without prior notification or public announcement. Any duplication is prohibited, unless approved in writing.