

DWG. NO. S99984

BILL OF MATERIAL

CATALOG NUMBER  
UTLMKT63G1P3FT  
UTLMKT63G1P6FT  
UTLMKT63G1P12FT  
UTLMK63G1P03FT00  
UTLMK63G1P06FT00  
UTLMK63G1P12FT00  
UTLMK63G1P03FT01  
UTLMK63G1P06FT01  
UTLMK63G1P12FT01

ITEM NO.	DESCRIPTION	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.
1	UTL PLUG, PIN	1	1	1	1	1	1	1	1	1
2	SOCKET CONTACT, STAMPED, 14AWG	1	1	1	-	-	-	-	-	-
3	SOCKET CONTACT, STAMPED, 16-18 AWG	-	-	-	1	1	1	1	1	1
4	PIN CONTACT, MACHINED, 14-16AWG	3	3	3	3	3	3	-	-	-
5	PIN CONTACT, MACHINED, 18AWG	-	-	-	-	-	-	3	3	3
6	CABLE ID LABEL	1	1	1	1	1	1	1	1	1
7	CABLE, 4X14 AWG, SJOOW	964	1928	3806	-	-	-	-	-	-
8	CABLE, 4X16 AWG, SOOW	-	-	-	964	1928	3806	-	-	-
9	CABLE, 4X18 AWG, SOOW	-	-	-	-	-	-	964	1928	3806
10	O-RING	1	1	1	1	1	1	1	1	1
-	NOMINAL CABLE ØD	10.7 [.42IN]			9.4 [.37IN]			8.4 [.33IN]		
-		15 AMP MAX			10 AMP MAX			7 AMP MAX		

TABLE L

CATALOG NO.	LENGTH L	TOLERANCE T
UTLMKT63G1P3FT	914 [36]	+50 [2]
UTLMKT63G1P6FT	1828 [72]	+100 [4]
UTLMKT63G1P12FT	3656 [144]	+150 [6]
UTLMK63G1P03FT00	914 [36]	+50 [2]
UTLMK63G1P06FT00	1828 [72]	+100 [4]
UTLMK63G1P12FT00	3656 [144]	+150 [6]
UTLMK63G1P03FT01	914 [36]	+50 [2]
UTLMK63G1P06FT01	1828 [72]	+100 [4]
UTLMK63G1P12FT01	3656 [144]	+150 [6]

NOTES:

- WORKMANSHIP STANDARDS AND INSPECTION CRITERIA ARE IN ACCORDANCE WITH IPC/WHMA-A-620, CLASS 2.
- CABLE ASSEMBLIES ARE 100 % INSPECTED AND ELECTRICALLY TESTED FOR: VISUAL & DIMENSIONAL, SHORTS, OPENS, & CONTINUITY
- ALL MATERIALS ARE RoHS COMPLIANT.

4 SEE TABLE L FOR LENGTH 'L' & TOLERANCE 'T'.

5 STRAIGHT-CUT: NO END PREPARATION.

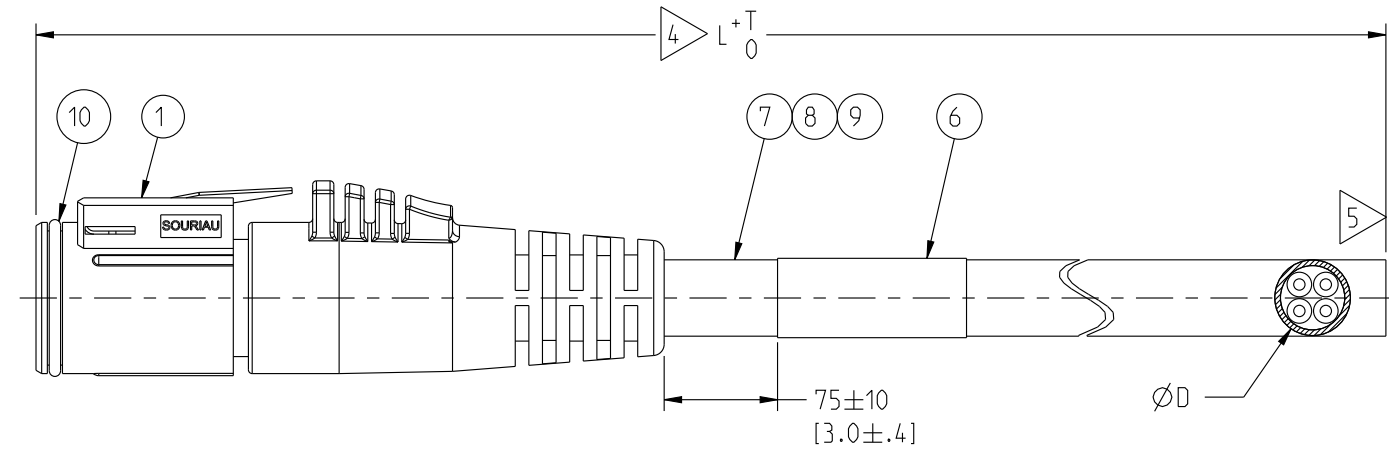
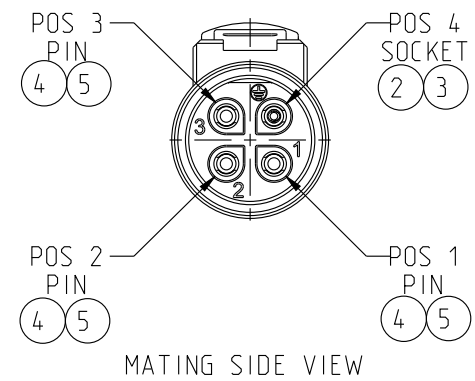
6 UTL CONNECTOR SPECIFICATIONS:  
 -ELECTRICAL SPECIFICATIONS: UL 1977  
 APPLICATION-1: 480 V (600 V MAX) AC OR DC 16 AMP MAX: UL94-5VA  
 MAY NOT BE USED TO INTERRUPT CURRENT  
  
 APPLICATION-2: 277 V AC OR DC 10 AMP MAX:  
 MAY BE USED TO INTERRUPT CURRENT

-CONNECTOR MATERIALS:  
 HALOGEN-FREE RoHS COMPLIANT THERMOPLASTIC  
 ULTRAVIOLET RESISTANT PER UL746C-F1

-MECHANICAL SPECIFICATIONS:  
 DURABILITY: MINIMUM 250 MATE UNMATE CYCLES (STANDARD)  
 500 MATE-UNMATE CYCLES (OPTIONAL)  
 SALT SPRAY: >= 1000 HOURS  
 FLUID RESISTANT: GAS-OIL; MINERAL OIL; ACID BATH; BASIC BATH  
 LEVEL OF SEAL: IEC 60529-IP68 / 69K IN MATED CONDITION  
 OPERATING TEMPERATURE: -40 TO 105°C

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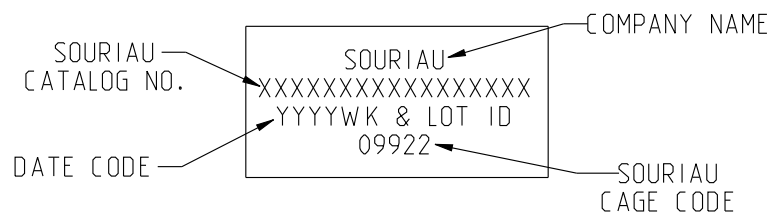
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7 CABLE SPECIFICATIONS  
 -SJOOW: 300V, 90°C  
 UL LISTED & CSA CERTIFIED FOR INDOOR & OUTDOOR USE  
 UL-62 / CSA C22.2-49; MSHA APPROVED; RoHS COMPLIANT  
 OIL, UV, WATER RESISTANT

-SOOW: 600V, 90°C  
 UL & CSA LISTED; OSHA ACCEPTABLE; MSHA LISTED  
 PASSES MSHA FLAME-TEST P-136-MSHA  
 RESISTANT TO: OIL, UV (UL-62), SOLVENTS, WATER, OZONE,  
 AGING, AND ABRASION  
 SUITABLE FOR SPECIAL APPLICATIONS PER NFPA 70 (NEC) PARA 501.10  
 (B)(S) CL.1 DIV 2 LOCATIONS AND PARA 501.140(B) CL.1 DIV 1 & 2

THE ASSEMBLY IS PACKAGED IN A RESEALABLE PLASTIC BAG PACKAGING & CABLE ID LABEL INFORMATION



CABLE WIRING DIAGRAM

CONTACT POSITION	WIRE COLOR
1	BLACK
2	RED
3	WHITE
4	GREEN

REFERENCE DWGS:  
F99860

LINEAR MEASURE:  $\frac{mm}{INCH}$  mm (INCH)

THIRD ANGLE PROJECTION

TOLERANCES UNLESS OTHERWISE SPECIFIED

No. OF PLACES	mm [INCH]
ONE PLACE	±3 [±.1]
TWO PLACES	±0.5 [±.02]
THREE PLACES	±0.25 [±.010]

ANGLES ±1°

DRAWING TITLE  
**UTL CABLE ASSY, PIN-PLUG**

CAT NO. **UTLMK\_63G1P\_\_FT\_\_(SEE BOM)**

CAGE NO: 09922 SIZE: B

**CUSTOMER**

INTERPRET THIS DRAWING IN ACCORDANCE WITH ASME Y14.5M - 1994.

**SOURIAU**  
Connection Technology  
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APPROVAL	DATE	BY	CHKD
DRAWN: CJM	10-25-12		
CHKD : NPP	10-25-12		
DSGN : NPP	10-25-12		
MFG : DH	10-25-12		
QC : BB	10-25-12		

DRAWING SCALE: 1:1  
DRAWING NO. S99984 REV A  
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