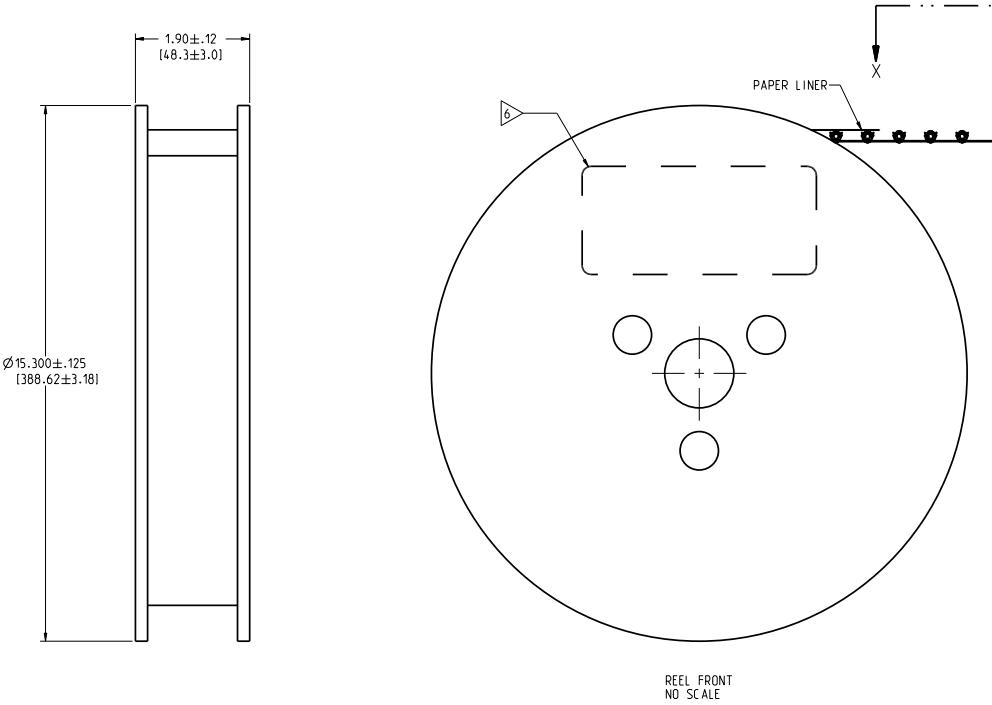
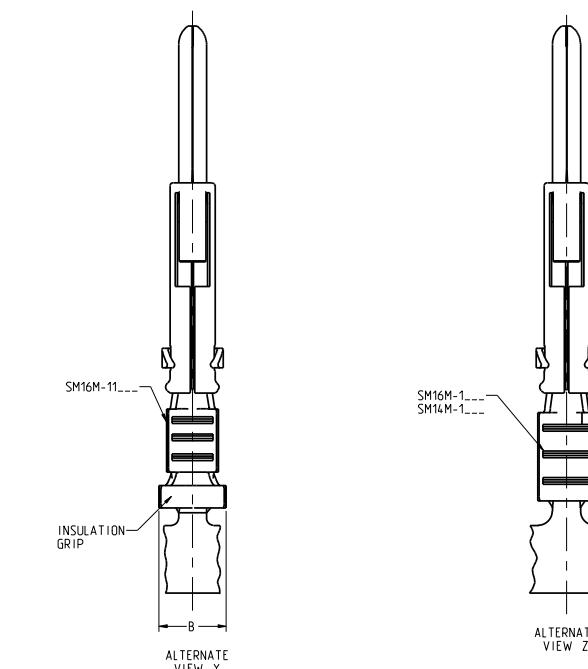
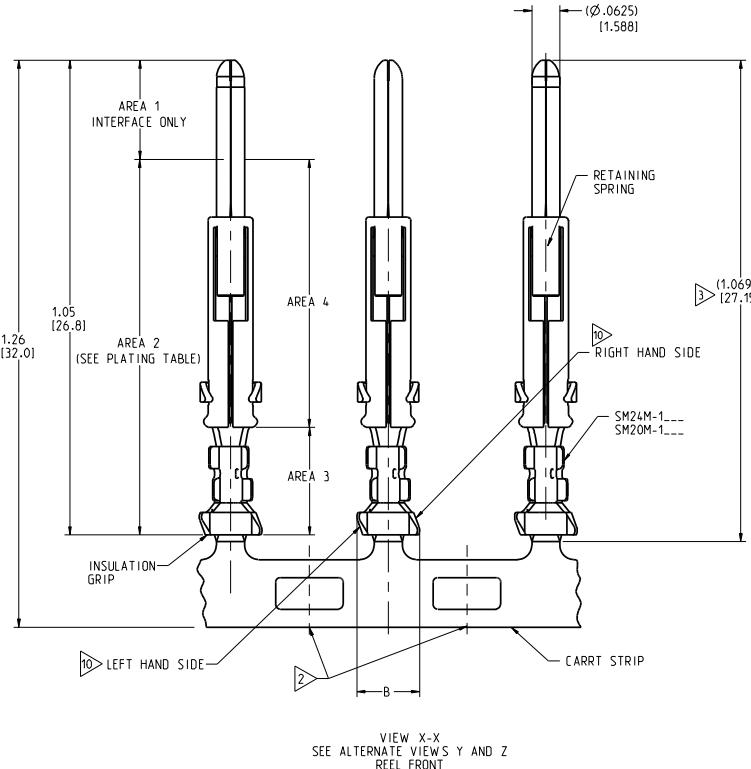
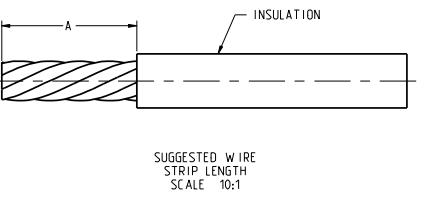


8	7	6	5	4	3	2	1																																																							
<p>THIS DRAWING IS A CONTROLLED DOCUMENT FOR SOURIAU USA, INC. IT IS SUBJECT TO CHANGE WITHOUT NOTICE. FOR THE LATEST REVISION, CONTACT THE DOCUMENT CONTROL CENTER.</p> <p>Dwg. No. SE52182</p> <p>PLATING TABLE</p> <table border="1"> <thead> <tr> <th>CATALOG NUMBER</th> <th>PLATING</th> </tr> </thead> <tbody> <tr> <td>SM14M/ML-1D70</td> <td>AREA 1 - 5 MICRO-INCHES (0.13 MICRONS)- 15 MICRO-INCHES (0.38 MICRONS) GOLD OVER NICKEL</td> </tr> <tr> <td>SM16M/ML-1D70</td> <td>AREA 2 - GOLD FLASH</td> </tr> <tr> <td>SM20M/ML-1D70</td> <td></td> </tr> <tr> <td>SM24M/ML-1D70</td> <td></td> </tr> <tr> <td>SM14M/ML-1TK6</td> <td></td> </tr> <tr> <td>SM16M/ML-11TK6</td> <td>TIN PLATING: 20 MICRO-INCHES (0.5 MICRON) MIN. TIN</td> </tr> <tr> <td>SM16M/ML-1TK6</td> <td></td> </tr> <tr> <td>SM20M/ML-1TK6</td> <td></td> </tr> <tr> <td>SM24M/ML-1TK6</td> <td></td> </tr> <tr> <td>SM14M/ML-1S6</td> <td></td> </tr> <tr> <td>SM16M/ML-1S6</td> <td>AREA 1 - 30 MICRO-INCHES (0.76 MICRONS)- 50 MICRO-INCHES (1.3 MICRONS) GOLD OVER NICKEL</td> </tr> <tr> <td>SM16M/ML-1S6</td> <td>AREA 2 - GOLD FLASH</td> </tr> <tr> <td>SM20M/ML-1S6</td> <td></td> </tr> <tr> <td>SM24M/ML-1S6</td> <td></td> </tr> <tr> <td>SM14M/ML-1S30</td> <td>AREA 1 - 5-15 MICRO-INCHES (0.13-0.38 MICRONS) GOLD OVER NICKEL</td> </tr> <tr> <td>SM16M/ML-1S30</td> <td>AREA 3 - 50 MICRO-INCHES (1.3 MICRONS) MIN. TIN OVER NICKEL</td> </tr> <tr> <td>SM16M-11S30</td> <td>SM20M-1S30</td> <td>AREA 4 - 50 MICRO-INCHES (1.3 MICRONS) MIN. NICKEL</td> </tr> <tr> <td>SM24M-1S30</td> <td></td> </tr> <tr> <td>SM14M/ML-1S18</td> <td>AREA 1 - 30-50 MICRO-INCHES (0.76-1.3 MICRONS) GOLD OVER NICKEL</td> </tr> <tr> <td>SM16M/ML-1S18</td> <td>AREA 3 - 50 MICRO-INCHES (1.3 MICRONS) MIN. TIN OVER NICKEL</td> </tr> <tr> <td>SM16M-11S18</td> <td>SM20M-1S18</td> <td>AREA 4 - 50 MICRO-INCHES (1.3 MICRONS) MIN. NICKEL</td> </tr> <tr> <td>SM14M/ML-1S31</td> <td>AREA 1 - 1 MICRO-INCH (0.25 MICRON) MIN. GOLD OVER 50 MICRO-INCH (1.27 MICRON) MIN. NICKEL</td> </tr> <tr> <td>SM16M-11S31</td> <td>AREA 3 - 50 MICRO-INCH (1.3 MICRON) MIN. TIN OVER NICKEL</td> </tr> <tr> <td>SM16M/ML-1S31</td> <td>SM20M/ML-1S31</td> <td>AREA 4 - 50 MICRO-INCH (1.3 MICRON) MIN. NICKEL</td> </tr> <tr> <td>SM24M/ML-1S31</td> <td></td> </tr> </tbody> </table> <p>STANDARD PLATING</p> <p>SELECTIVE PLATING</p>	CATALOG NUMBER	PLATING	SM14M/ML-1D70	AREA 1 - 5 MICRO-INCHES (0.13 MICRONS)- 15 MICRO-INCHES (0.38 MICRONS) GOLD OVER NICKEL	SM16M/ML-1D70	AREA 2 - GOLD FLASH	SM20M/ML-1D70		SM24M/ML-1D70		SM14M/ML-1TK6		SM16M/ML-11TK6	TIN PLATING: 20 MICRO-INCHES (0.5 MICRON) MIN. TIN	SM16M/ML-1TK6		SM20M/ML-1TK6		SM24M/ML-1TK6		SM14M/ML-1S6		SM16M/ML-1S6	AREA 1 - 30 MICRO-INCHES (0.76 MICRONS)- 50 MICRO-INCHES (1.3 MICRONS) GOLD OVER NICKEL	SM16M/ML-1S6	AREA 2 - GOLD FLASH	SM20M/ML-1S6		SM24M/ML-1S6		SM14M/ML-1S30	AREA 1 - 5-15 MICRO-INCHES (0.13-0.38 MICRONS) GOLD OVER NICKEL	SM16M/ML-1S30	AREA 3 - 50 MICRO-INCHES (1.3 MICRONS) MIN. TIN OVER NICKEL	SM16M-11S30	SM20M-1S30	AREA 4 - 50 MICRO-INCHES (1.3 MICRONS) MIN. NICKEL	SM24M-1S30		SM14M/ML-1S18	AREA 1 - 30-50 MICRO-INCHES (0.76-1.3 MICRONS) GOLD OVER NICKEL	SM16M/ML-1S18	AREA 3 - 50 MICRO-INCHES (1.3 MICRONS) MIN. TIN OVER NICKEL	SM16M-11S18	SM20M-1S18	AREA 4 - 50 MICRO-INCHES (1.3 MICRONS) MIN. NICKEL	SM14M/ML-1S31	AREA 1 - 1 MICRO-INCH (0.25 MICRON) MIN. GOLD OVER 50 MICRO-INCH (1.27 MICRON) MIN. NICKEL	SM16M-11S31	AREA 3 - 50 MICRO-INCH (1.3 MICRON) MIN. TIN OVER NICKEL	SM16M/ML-1S31	SM20M/ML-1S31	AREA 4 - 50 MICRO-INCH (1.3 MICRON) MIN. NICKEL	SM24M/ML-1S31		<p>NOTES: UNLESS OTHERWISE SPECIFIED</p> <ul style="list-style-type: none"> CONTACTS ARE FURNISHED ON A STRIP, TO BE INSTALLED BY THE UTM-2 INSTALLATION MACHINE. FOR MBND AND Y8ND HAND TOOL USE, CONTACTS MUST BE CUT FROM STRIP THROUGH SELVAGE IN THE HAND TOOL AND CAN BE EASILY REMOVED AFTER INSTALLATION BY BENDING UNTIL IT BREAKS OFF. SM-ML- CONTACTS ARE SUPPLIED LOOSE AND WITH MODIFIED CRIMP SADDLES AND CRIMPED WITH THE Y14MS- MBND, Y8ND HAND TOOLS. SM16M-16 CONTACT CAN BE ACCOMMODATED BY QIKMATE CONNECTORS, WHEN INSULATION DIAMETER RANGE IS .082-.116 (2.08-3.00) FOR OTHER TRIM TRIO CONNECTORS, MAXIMUM INSULATION DIAMETER IS .1032-.621. CONTACTS ARE INSTALLED BY HAND, AND SNAP LOCKED IN CAVITIES. AN EXTRACTION TOOL IS USED TO REMOVE CONTACTS FROM CAVITIES. SOURIAU LABEL. <p>7. MATERIAL: CONTACT - BRASS RETAINING SPRING - STAINLESS STEEL</p> <p>8. FINISH: CONTACT - SEE PLATING TABLE</p> <p>9. REFERENCE: SE52182, SM_M/ML-1--- BRSEB2427, SM/SC_M--- SD61512, SM/SC_M--- SA62878, SC/SM_M-3--- BF.C 203035.001.01 BELGIUM CUSTOMER DRAWING REVERSE REEL</p> <p>10. DATA TABLE</p>						
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RoHS COMPLIANT



DATA TABLE										
CONTACT CATALOG NUMBER	WIRE SIZE AND TYPE	CABLE INSULATION ACCOMODATION		QTY. PER REEL	STAMPING	"A" ±.016 (0.40)	"B"	INSTALLATION TOOL		EXTRACTION TOOL
		MAX.	MIN.					HAND TOOL MBND OR Y8ND DIE SET CAT NUMBER	HAND TOOL	
SM24M-1---	26-24 AWG	.062 [1.57]	.035 [0.89]	3000	24	.156 [3.96]	.128 [3.25]	N24RT-11	-	CM161
SM24M-1---				-	-	-	-	Y14MS	-	
SM20M-1---	22-20 AWG	.082 [2.08]	.046 [1.17]	3000	20	.156 [3.96]	.139 [3.53]	N20RT-29	-	-
SM20M-1---				-	-	-	-	Y14MS	-	
SM16M-1---	18-16 AWG	-	-	3000	16	.250 [6.35]	-	N16RT-24	-	CM11
SM16M-1---				-	-	-	-	Y14MS	-	
SM16M-11---	18-16 AWG	.118 [3.00]	.082 [2.08]	3000	16	.188 [4.78]	.146 [3.71]	N16RT-26	-	CM27
SM16M-11---				-	-	-	-	Y14MS	-	
SM14M-1---	14 AWG	-	-	3000	14	.250 [6.35]	-	N14RT-13	-	CM11
SM14M-1---				-	-	-	-	Y14MS	-	

AC	REVISED PER ECN 11380	NPP 3/1/11	BB 2/25/11
AB	REVISED PER ECN 11081	03-11-10	03-11-10
AA	REVISED PER ECN 7813	05-12-03	05-12-03
REV	DESCRIPTION	BY	CHKD DATE

DRAWING TITLE: STRIP HYFEN PIN REEL ASSEMBLY

CAT NO.: SM_M/ML- (SEE TABLE)

DRAWING NO.: 09922 **SIZE:** D

CUSTOMER

APPROVAL:

DRAWN BY: RAHUL 03-19-10
CHKD : NPP 03-19-10
DSGN : XXX mm-dd-yy
MFG : DH 03-19-10
QC : BB 03-19-10
DRAWING SCALE: 5:1
DRAWING NO. : REV
SE52182 AC

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

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1 OF 1

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