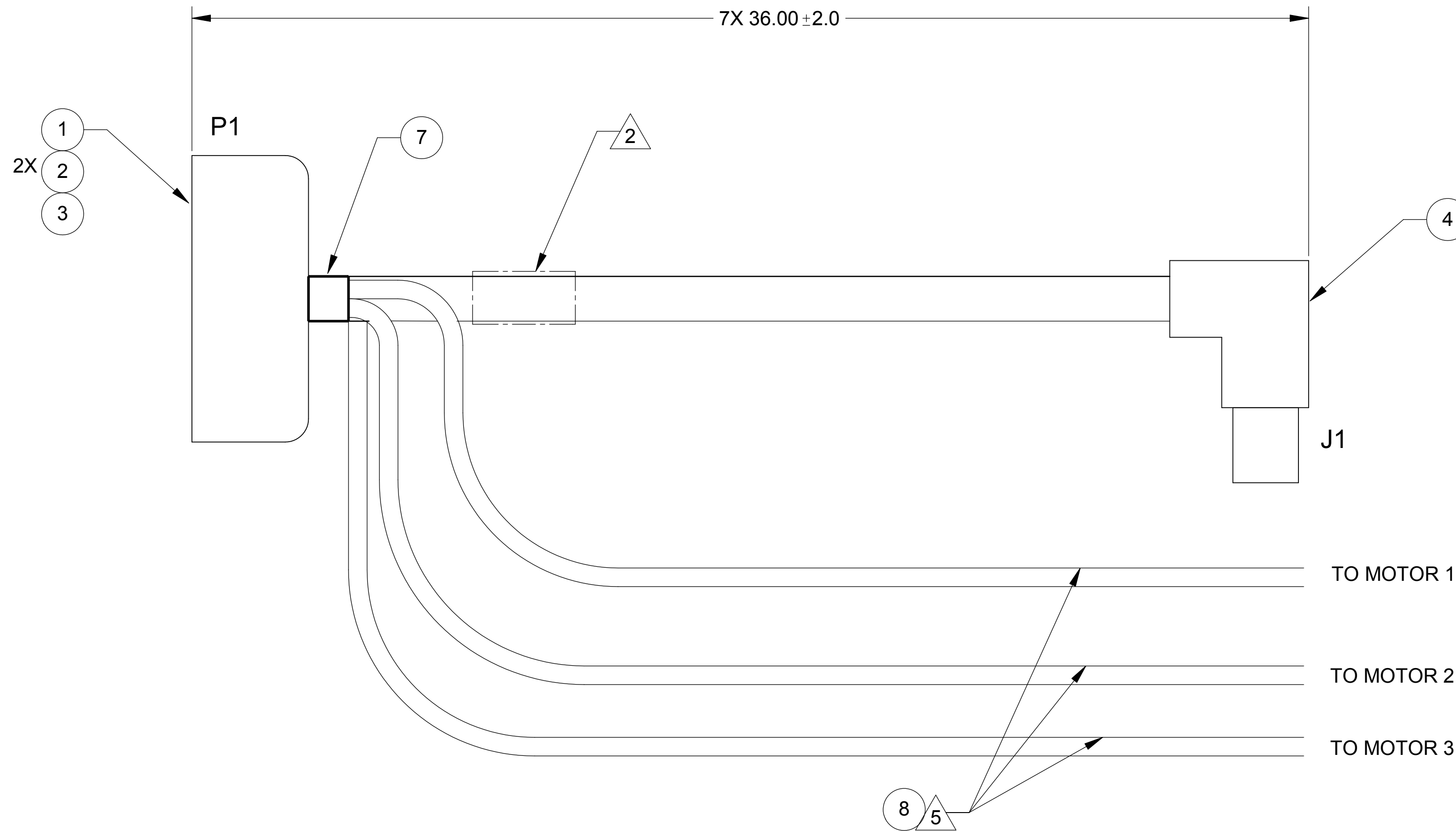


LTR		ZONE	DESCRIPTION	REVISIONS										
DWN	CHK	P-ENG	CONFIG	ME	STRS	MATL	PROJ	QA	RELEASE DATE					
A			INITIAL RELEASE											

WIRE LIST

STS-2 CONNECTOR ASSIGNMENT	J1 CIRCULAR CONN	P1 DSUB25F	WIRE TYPE
+VAR	1	1	TP1
-VAR	2	14	
GNDP	3	2	SC
X+	4	15	TP2
X-	5	3	
Y+	6	16	TP3
Y-	7	4	
Z+	8	17	TP4
Z-	9	5	
VPOS/V+	10	18	SC
WPOS/W+	11	6	SC
UPOS/U+	12	19	SC
CONTR	13	7	SC
GNDS	14	20	SC
UCAL	15	8	SC
WCAL	16	21	SC
VCAL	17	9	SC
CCOM	18	22	SC
MOTOR1 +		11	SC
MOTOR2 +		24	SC
MOTOR3 +		12	SC
MOTOR -		25	SC

WIRE TYPE LEGEND	
SC	SINGLE CONDUCTOR
SC(SJ)	SINGLE CONDUCTOR SHIELDED JACKET
TPx	TWISTED PAIR



QTY REQD	ITEM NO	REF DES	CAGE NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE	ZONE
	AR	8		M16878/4	WIRE, 22 AWG		PTFE	
	AR	7		MIL-I-23053/8	TUBING, SHRINK			
	AR	6		MIL-T-43435	LACING CORD, SIZE AR		NOMEX	
		5						
	1	4		800-20/30-1	CABLE ASSY, STS-2		G. STRECKEISEN	
	1	3		DB20962	BACKSHELL, CABLE CLAMP		ITT CANNON	
	2	2		D20419-18	SCREW LOCK, MALE		ITT CANNON	
	1	1	P1	DBM25SNM	CONNECTOR, DSUB 25 F	SOLDER CUP	ITT CANNON	

- 4 TIE CABLES WITH LACING CORD, ITEM 6, EVERY 2 INCHES
- 3 ITEM 4, CONNECTOR AND CABLE IS PROVIDED BY LIGO.
- 2 IDENTIFY HARNESS WITH PROJECT IDENTIFIER, REFERENCE DESIGNATOR, PART NUMBER, REVISION LETTER AND SERIAL NUMBER, PER BEST INDUSTRY STANDARDS AS SHOWN BELOW.

LIGO-D047808-A
P1
STS-2
REV A S/N XXX

- 1. INSULATE EACH SOLDERED JOINT USING TUBING, ITEM 6.
- NOTES: (UNLESS OTHERWISE SPECIFIED)

THIS DOCUMENT MAY CONTAIN ITAR CONTROLLED INFORMATION AND/OR COMMERCE CONTROLLED INFORMATION EXPORT RESTRICTIONS MAY APPLY

CONTRACT NO		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		RELEASED 2/25/2005		ALLIANCE SPACESYSTEMS, INC. 1250 Lincoln Ave., Suite 100 Pasadena, CA 91103	
NEXT ASSEMBLY		MACHINE FINISH					
APPLICATION		DO NOT SCALE DRAWING INTERPRET DWG PER ASME Y14.5M-1994		DWN R.D.BILLING 02/10/04 PROJ ENGR STRS NA CHK MATL NA		CABLE, STS-2 SIEMOMETER INTERNAL POD, NON-VACUUM LIGO-D047808-A	
20007790		1388		SEE PARTS LIST		SIZE D CAGE CODE 1KNU9 20007808 SCALE 1:1 UNCLASSIFIED SHEET 1 OF 1	