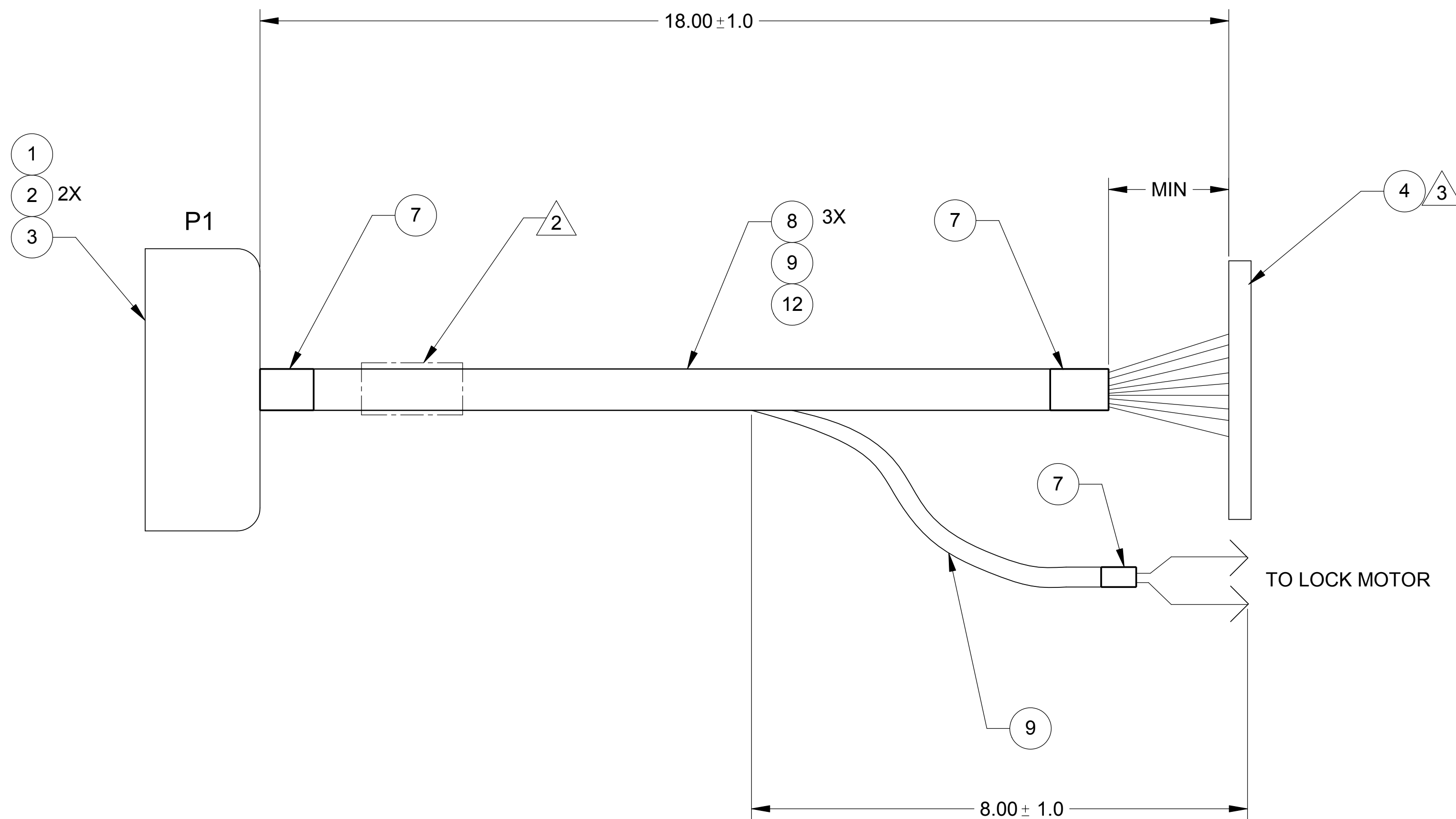


LTR		ZONE		REVISIONS									
DESCRIPTION				DWN	CHK	P-ENG	CONFIG	ME	STRS	MATL	PROJ	QA	RELEASE DATE
A				INITIAL RELEASE									

WIRE LIST

GS-13 CONNECTOR ASSIGNMENT	WIRE COLOR	④/③	DSUB9 P1	WIRE TYPE	DESIGNATION
+K	RED	K	1	TSP1	MAIN COIL
-L	BLK	L	6	TSP1	
M		M	2	TSP1-S	SHIELD
D (+V)		D	4	SC	POWER
F (-V)		F	8	SC	
R (AGND)		R	7	SC	
+P (motor)	RED		8	TSP2	LOCK MOTOR
-T (motor)	BLK		9	TSP2	
WIRE TYPE LEGEND					
SC			SINGLE CONDUCTOR		
SCSJ			SINGLE CONDUCTOR SHIELDED JACKET		
TSPx			TWISTED SHIELDED PAIR		



QTY REQD	ITEM NO	REF DES	CAGE NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	SPECIFICATION	MATERIAL OR NOTE	ZONE
	AR 12				SLEEVING, BRAIDED, SIZE AR		PET	
	11							
	10							
	AR 9			1883A	WIRE, TWISTED/SHIELD 24 AWG		BELDEN WIRE	
	AR 8			M16878/4	WIRE, 22 AWG		PTFE	
	AR 7			MIL-I-23053/8	TUBING, SHRINK, SIZE AR			
	6							
	5							
	1 4			D040338	PCB INTERFACE		LIGO	
	1 3			DE44994	BACKSHELL, CABLE CLAMP		ITT CANNON	
	2 2			D20419-18	SCREW LOCK, MALE		ITT CANNON	
	1 1	P1		DEM9SNM	CONNECTOR, DSUB 9 F	SOLDER CUP	ITT CANNON	

6. PROVIDE OVERALL JACKET, ITEM 8. FIX ENDS USING TUBING, ITEM 7.

⑤ OR EQUIVALENT

4. INSULATE EACH SOLDERED JOINT USING TUBING, ITEM 7.

③ ITEM 4 AND INTERFACE TO PCB CONNECTOR 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-D047814-A
P1
GS-13
REV A S/N XXX

① CONNECT BLEED WIRE FROM SHIELD TO CONNECTOR BACKSHELL.

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 DECIMALS .XX ±.03 .XXX ±.010 ANGLES ± 1/2° MACHINE FINISH ✓ DO NOT SCALE DRAWING INTERPRET DWG PER ASME Y14.5M-1994 MATERIAL	RELEASED 2/25/2005	ALLIANCE SPACESYSTEMS, INC. 1250 Lincoln Ave., Suite 100 Pasadena, CA 91103
20007810 NEXT ASSEMBLY	1388 PROJECT CODE	DWN N. BRAZEAU PROJ ENGR STRS NA CHK MATL NA CONFIG NA ME NA	02/10/04 STRS NA MATL NA PROJ NA QA NA
APPLICATION	SEE PARTS LIST	SCALE 1:1	UNCLASSIFIED
		SIZE D	CAGE CODE 1KNU9
		20007814	
		REV A	
		SHEET 1 OF 1	