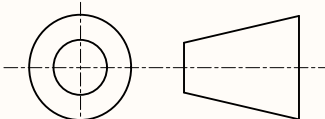


NOTES:

14. EACH CABLE SHALL BE 100% ELECTRICALLY TESTED.
- CONNECTION RESISTANCE LESS THAN 5 OHMS.
 - INSULATION RESISTANCE MORE THAN 5 MOHMS.
15. P1 BACKSHELL SUPPORTS CABLE EGRESS FROM EITHER SIDE OR TOP. EGRESS DIRECTION TBD.
16. JST CONTACT SWPR-001T-P025 (TIN FINISH) CAN BE USED FOR PROTOTYPES WITH TMT PERMISSION.

		MATERIAL: THIRD ANGLE PROJECTION 	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACT NO. _____		JET PROPULSION LABORATORY CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA, CA 91109										
			LINEAR TOLERANCES:		APPD. _____ DATE _____						CABLE ASSEMBLY, LOWER BOX HYDRA						
			.XX ± .03		DWN D. PALMER		SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES.										
			.XXX ± .010		ENGR D. PALMER												
			ANGULAR TOLERANCE: ± 0.5°								SIZE CAGE CODE 10398531 REV B B 23835 B						
		SURFACE ROUGHNESS (MICROMETERS) ✓								SCALE: 1/1 UNCLASSIFIED SHEET 1 OF 3							
		DO NOT SCALE DRAWING INTERPRET DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009 INTERPRET DWG PER ASME Y14.100															
NEXT ASSEMBLY		USED ON		APPLICATION													

LEGEND

AL = ADHESIVE LINED
QL = QUICK LOCK
PBT = POLYBUTYLENE TEREPHTHALATE
POS = POSITION
REC = RECEPTACLE
SJ = SHIELDED JACKETED
SOC = SOCKET

AR	AR	13		92194	LTN-4C	LACING TAPE, 0.05" WIDE	ALPHA WIRE	NYLON
AR	AR	12	P1	62081	P36728 OR EQUIV.	SEAL-TITE FUSION WRAP	LAWSON PROD.	
AR	AR	11	P1	92194	F2213/8 BK103	HEAT SHRINK, 9.5mm I.D. BLACK	ALPHA WIRE	POLYOLEFIN
AR	AR	10	P1 J1-J3	92194	F3211/4 BK103	HEAT SHRINK, 6.4mm I.D. BLACK, AL	ALPHA WIRE	POLYOLEFIN
AR	AR	9		92194	F221B3/16 CL100	HEAT SHRINK, 4.8mm I.D. CLEAR	ALPHA WIRE	POLYOLEFIN
AR	AR	8	P1	92194	F221B3/64 CL100	HEAT SHRINK, 1.2mm I.D. CLEAR	ALPHA WIRE	POLYOLEFIN
AR	AR	7		92194	78112	CABLE, SJ, 2 CONDUCTOR, 26AWG	ALPHA WIRE	
6	6	6	J1-J3	67D17	SWPR-001GH-P025	TERMINAL, SOC, 22-26 AWG	JST SALES AMER.	16
2	2	5	J2-J3	67D17	02R-JWPF-VSLE-S	HOUSING, 2 POS, REC, 2mm	JST SALES AMER.	PBT
1	1	4	J1	67D17	03R-JWPF-VSLE-S	HOUSING, 3 POS, REC, 2mm	JST SALES AMER.	PBT
1	1	3	P1	00779	1-2308272-1	CABLE CLAMP, SIZE 1-4, 4-7 mm	TE CONNECTIVITY	ZINC ALLOY
1	1	2	P1	00779	1-2308321-1	BACKSHELL, 15 POSITION D-SUB, QL	TE CONNECTIVITY	ZINC ALLOY
1	1	1	P1	28198	EVD15P00000/AA1289.2	PLUG, D-SUB 15 PIN MALE CRIMP	POSITRONIC	INCLUDES PINS
-2	-1	ITEM	REF	CAGE	PART OR	NOMENCLATURE	SPECIFICATION	MATERIAL
QTY REQD		NO	DES	CODE	IDENTIFYING NO	OR DESCRIPTION		OR NOTE
PARTS LIST								

TABLE 1: FINISHED CABLE LENGTHS

CONNECTOR	LENGTH	
	-1 (A-C-E)	-2 (B-D-F)
J1	500 mm	500 mm
J2	759 mm	915 mm
J3	440 mm	440 mm

