

COPYRIGHT 2018 CALIFORNIA INSTITUTE OF TECHNOLOGY. GOVERNMENT SPONSORSHIP ACKNOWLEDGED.

NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP STANDARDS AND ACCEPTABILITY REQUIREMENTS SHALL MEET IPC-A-610 (LATEST VERSION).
2. THIS DOCUMENT AND RELATED ARTWORK ARE COMPUTER GENERATED. CHANGES ARE TO BE PERFORMED ON THE ORIGINAL DATABASE IN SECTION 383.

- 3 SOLDER COMPONENTS USING LEADED SOLDER, ITEM 3.

4. CLEAN SOLDER FLUX FROM BOARD SO THERE IS NO DISCERNABLE RESIDUE.

5. MARK IN LOCATION SHOWN WITH 1.0 MINIMUM HIGH CHARACTERS THE REV LETTER, DASH NUMBER, AND THE SERIAL NUMBER "NXXXXX" (WHERE N IS A VENDOR DESIGNATION LETTER ASSIGNED BY TMT AND XXXXX IS A UNIQUE 5 DIGIT SERIAL NUMBER FOR EACH PART. THE VENDOR DESIGNATION AND THE STARTING SERIAL NUMBER SHALL BE IN ACCORDANCE WITH THE VALUES PROVIDED IN THE PURCHASE ORDER)

- 6 P1 IS A STRADDLE MOUNT CONNECTOR WITH PINS ON TOP AND BOTTOM LAYERS.

7. FOR ELECTRONIC PARTS LIST SEE PL10369690_C.

8. FOR SCHEMATIC DIAGRAM SEE JPL DRAWING 10369688 C.

9. THIS PRINTED WIRING BOARD ASSEMBLY CONSISTS OF ONLY SMT TECHNOLOGY.

- 10 CONFORMAL COAT PWA, ITEM 1, AS REQUIRED USING ITEM 4, CONFORMAL COATING BRUSH (-2 ONLY).




- 11 MASK OFF AND DO NOT COAT AREAS INDICATED. (-2 ONLY)
(COATING MAY BLEED UP TO 3 mm FROM RIGID ONTO FLEX.)

REVISION HISTORY

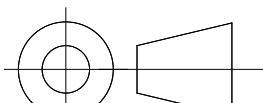
LTR	DESCRIPTION		DWN	CHK	STRUCT	MATL	THRM CONT			ENGR	DSGN SUPV	DATA MGT	RELEASE DATE
A	INITIAL RELEASE	CA II											
B	PWB SIZE AND SHAPE CHANGED. PARTS UPDATED.	II											
C	CHANGED U1 TO DUAL CHANNEL PART AND ADDED SWAP INPUT. ADDED OUTPUT SWITCH, U8. ADDED CONFORMAL COATING INSTRUCTIONS.	II											

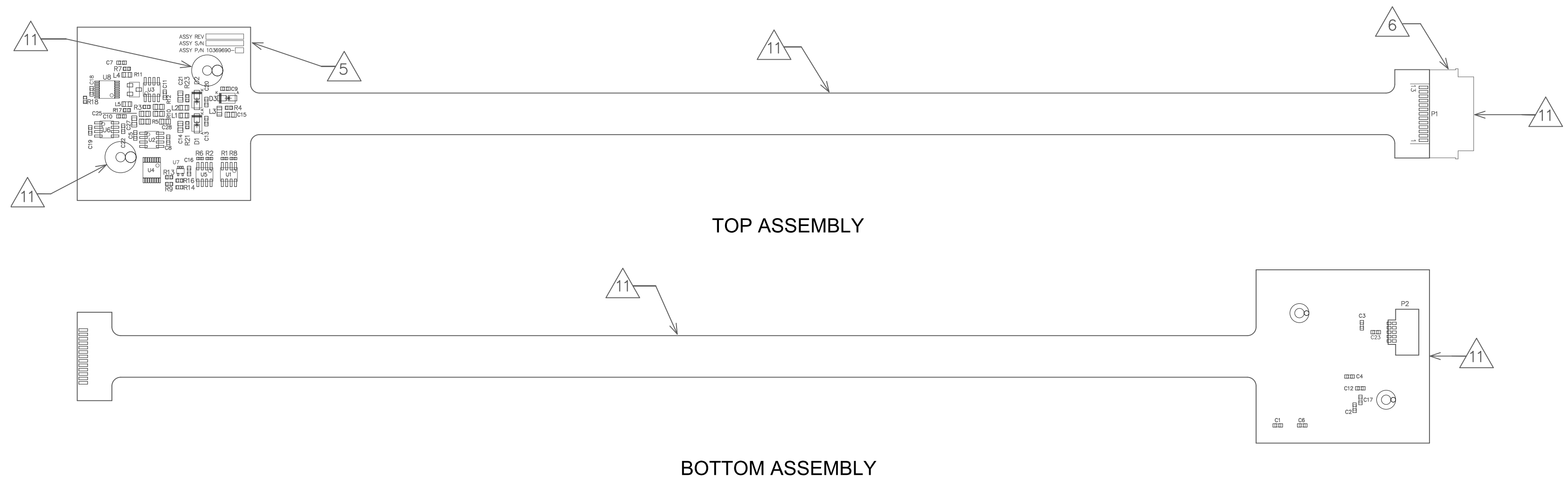
SEE JPL DATA MANAGEMENT SYSTEM
FOR APPROVAL SIGNATURES AND DATES

SEE SEPARATE PARTS LIST

AR		4			ARATHANE 5750-A/B LV	CONFORMAL COATING BRUSH	IPC-HDBK-830	
AR	AR	3			Sn63/Pb37	SOLDER	J-STD-005A	
AR	AR	2			ENTHONE 50-100R CATALYST 9	INK, MARKING	IPC-4781	
1	1	1			10369689-1	PRINTED WIRING BOARD		REV C
-2	-1	ITEM	REF	CAGE	PART OR	NOMENCLATURE	SPECIFICATION	MATERIAL
QTY	REQD	NO	DES	CODE	IDENTIFYING NO	OR DESCRIPTION		OR NOTE

PARTS LIST

		MATERIAL:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	CONTRACT NO	JET PROPULSION LABORATORY				
		MATERIAL PER SPECIFICATION	LINEAR TOLERANCES:	APPD	_____ DATE _____		CALIFORNIA INSTITUTE OF TECHNOLOGY		
			0 to 6 ± 0.1	DWN	D PALMER		PASADENA, CA 91109		
			OVER 6 to 30 ± 0.2	ENGR	C SHELTON		PRINTED WIRING ASSEMBLY, EDGE SENSOR DRIVE BOARD — MATRIX V5		
			OVER 30 to 120 ± 0.3				SIZE	CAGE CODE	REV
			OVER 120 to 315 ± 0.5				C	23835	10369690
		OVER 315 to 1000 ± 0.8	ANGULAR TOLERANCES: ± 0.5°	SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES.		SCALE: 1/1		UNCLASSIFIED	SHEET 1 OF 2
		MACHINE FINISH	✓						
		THIRD ANGLE PROJECTION							
	TMT		DO NOT SCALE DRAWING						
NEXT ASSEMBLY	USED ON		INTERPRET DWG PER ASME Y14.100M						
APPLICATION									



SIZE C	CAGE CODE 23835	10369690		REV C
SCALE: 1/1		UNCLASSIFIED	SHEET 2	OF 2