

4

3

2

1

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 PL10398553_A.
8. FOR SCHEMATIC DIAGRAM SEE JPL DRAWING 10398551_A.
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															

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	10
AR	AR	3			Sn63/Pb37	SOLDER	J-STD-005A	3
AR	AR	2			ENTHONE 50-100R CATALYST 9	INK, MARKING	IPC-4781	5
1	1	1			10398552-1	PRINTED WIRING BOARD		REV A
-2	-1	ITEM	REF	CAGE	PART OR	NOMENCLATURE	SPECIFICATION	MATERIAL
QTY	REQD	NO	DES	CODE	IDENTIFYING NO	OR DESCRIPTION		OR NOTE

		MATERIAL:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	CONTRACT NO	JET PROPULSION LABORATORY							
		MATERIAL PER SPECIFICATION	LINEAR TOLERANCES:	APPD	CALIFORNIA INSTITUTE OF TECHNOLOGY							
			0 to 6 ± 0.1	DWN	PASADENA, CA 91109							
			OVER 6 to 30 ± 0.2	ENGR	D PALMER							
			OVER 30 to 120 ± 0.3	C SHELTON								
			OVER 120 to 315 ± 0.5	SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES.								
			OVER 315 to 1000 ± 0.8									
			ANGULAR TOLERANCES: ± 0.5°									
		THIRD ANGLE PROJECTION	MACHINE FINISH									
			DO NOT SCALE DRAWING									
		TMT	INTERPRET DWG PER ASME Y14.100M									
		NEXT ASSEMBLY										
		USED ON										
		APPLICATION										

SIZE

CAGE CODE

REV

C

23835

A

10398553

SCALE: 1/1

UNCLASSIFIED

SHEET 1 OF 2

REV 01/2013

COPYRIGHT 2018 CALIFORNIA INSTITUTE OF TECHNOLOGY. GOVERNMENT SPONSORSHIP ACKNOWLEDGED.

