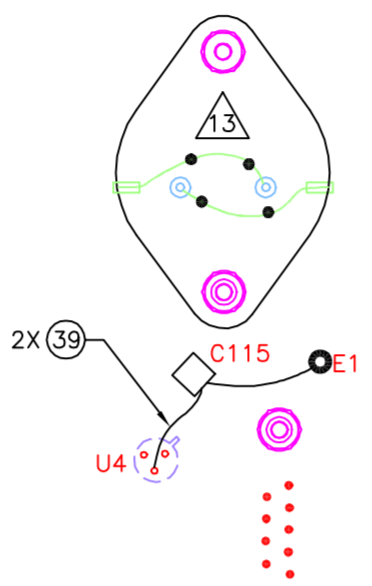


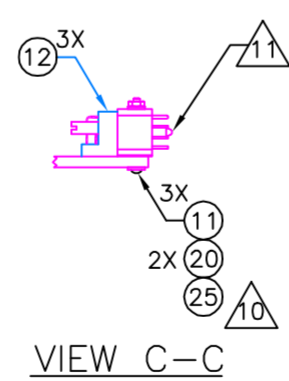
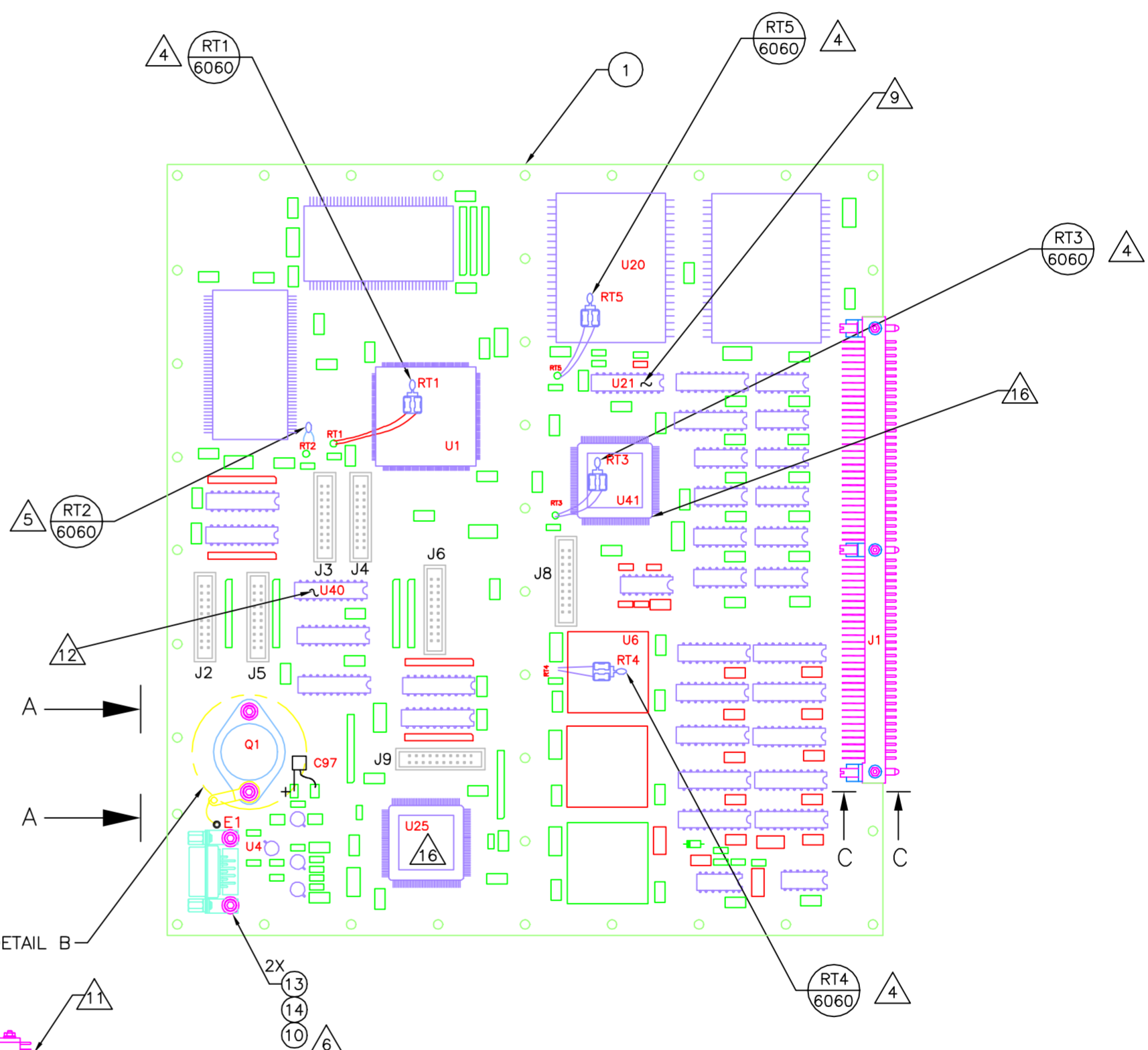
VIEW A-A  
ROTATED 90°



DETAIL B  
Q1 ATTACHMENT  
SOLDER SIDE VIEW

NOTES:

1. RECORD EPOXIES USED, MIX RATIO, EXPIRATION DATES, ETC. ON "MATERIAL PROCESSING MIXING RECORD" SECTION OF A.W.O.
2. SOLDERING TO BE IAW NASA SPECIFICATION NHB5300.4(3A-1).
3. INSTALL PROTECTIVE COVER, F/N 31, ON J1 DURING ALL NON-TESTING OPERATIONS.
4. INSTALLATION OF RT1,3-5
  - MOUNT F/N 26 USING F/N 3 APPROX. AS SHOWN.
  - SOLDER F/N'S 16 & 6060 TO PADS ON F/N 26.
  - ROUTE WIRES (F/N 16) FROM U1 TO HOLES MARKED RT1.
  - ROUTE WIRES (F/N 16) FROM U41 TO HOLES MARKED RT3.
  - ROUTE WIRES (F/N 16) FROM U6 TO HOLES MARKED RT4.
  - ROUTE WIRES (F/N 16) FROM U20 TO HOLES MARKED RT5.
  - SPOT BOND WIRING AND THERMISTOR BEAD USING F/N 18 IAW NASA SPECIFICATION NHB5300.4(3J).
5. INSTALLATION OF RT2
  - SOLDER THE LEADS OF F/N 6060 TO HOLES MARKER RT2.
  - THERMISTOR BEAD USING F/N 18 IAW NASA SPECIFICATION NHB5300.4(3J).
6. TORQUE TO 4 IN-LB. SPOTBOND WITH F/N 15.
7. AFTER TESTING, INSERT F/N 23 INTO J2-6,8,9. COVER WITH KAPTON TAPE, F/N 33. SPOTBOND WITH F/N 3.
8. CLEAN TEMPORARY HARDWARE IAW MIT PROCEDURE 36-02027 PRIOR TO ASSEMBLY.
9. CONNECT PINS 15 TO 13 AND 17 TO 19 ON U21 USING F/N 35 ON SOLDER SIDE. INSULATE F/N 35 WITH F/N 36. SPOTBOND WITH F/N 18.
10. TORQUE TO 20 IN-OZ. SPOTBOND WITH F/N 15.
11. SET KEYS TO A-1. TORQUE FINGER TIGHT.
12. CONNECT PINS OF U40 WITH F/N 35 ON SOLDER SIDE. INSULATE F/N 35 WITH F/N 36. SPOTBOND WITH F/N 18.
  - PIN 19 TO PIN 20
  - PIN 11 TO PIN 10
  - PIN 13 TO PIN 8
  - PIN 15 TO PIN 6
  - PIN 17 TO PIN 4
13. SPOTBOND WIRES OF Q1, SOLDER SIDE, WITH F/N 18 APPROX. AS SHOWN.
14. TORQUE TO 2 IN-LB. SPOTBOND WITH F/N 15.
15. SPOTBOND C97 AND C115 WITH F/N 18.
16. SPOTBOND CORNERS OF U25 AND U41 WITH F/N 15. PROTECT LEADS FROM F/N 15.



VIEW C-C

REVISIONS					
REV.	ECO NO.	DESCRIPTION	CHECKED	APPROVED	DATE
A	36-624	INITIAL FLIGHT RELEASE	FJK	RFG	5/20/96
B	36-688	ADD JUMPERS TO U21	FJK	RFG	7/16/96
C	36-720	ADD VIEW C-C	FJK	RFG	8/9/96
D	36-771	ADD JUMPPERS TO U40	FJK	RFG	8/9/96
E	36-779	ADD C115 & C97	FJK	RFG	10/1/96
F	36-790	ADD NOTE 16			

INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1982		NAME	DATE	MASSACHUSETTS INSTITUTE OF TECHNOLOGY CENTER FOR SPACE RESEARCH CAMBRIDGE, MA 02139
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ANGLES ± 1° 3 PLACE DECIMALS ± .005 2 PLACE DECIMALS ± .01		DRAWN Winter Design	7/1/96	
MATERIAL SEE DATABASE		CHECKED F. Kasparian	2/2/97	
36-30302	ACIS	APPROVED R. Goetze	2/2/97	<b>FRONT END PROCESSOR</b> <b>MIT SUBASSY</b>
NEXT ASSEMBLY USED ON	APPLICATION	RELEASED D. Gage	2/2/97	
		WEIGHT	SCALE 1:1	SIZE CAGE CODE D 80230 DWG. NO. 36-30302.98 SHEET 1 OF 1