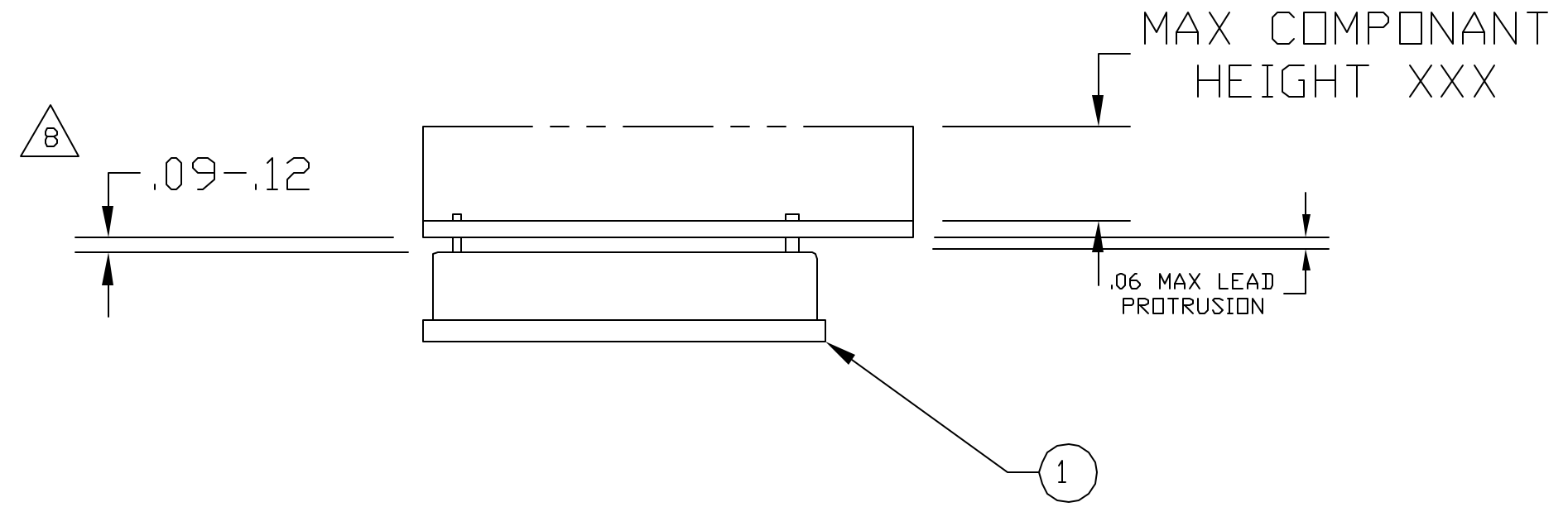
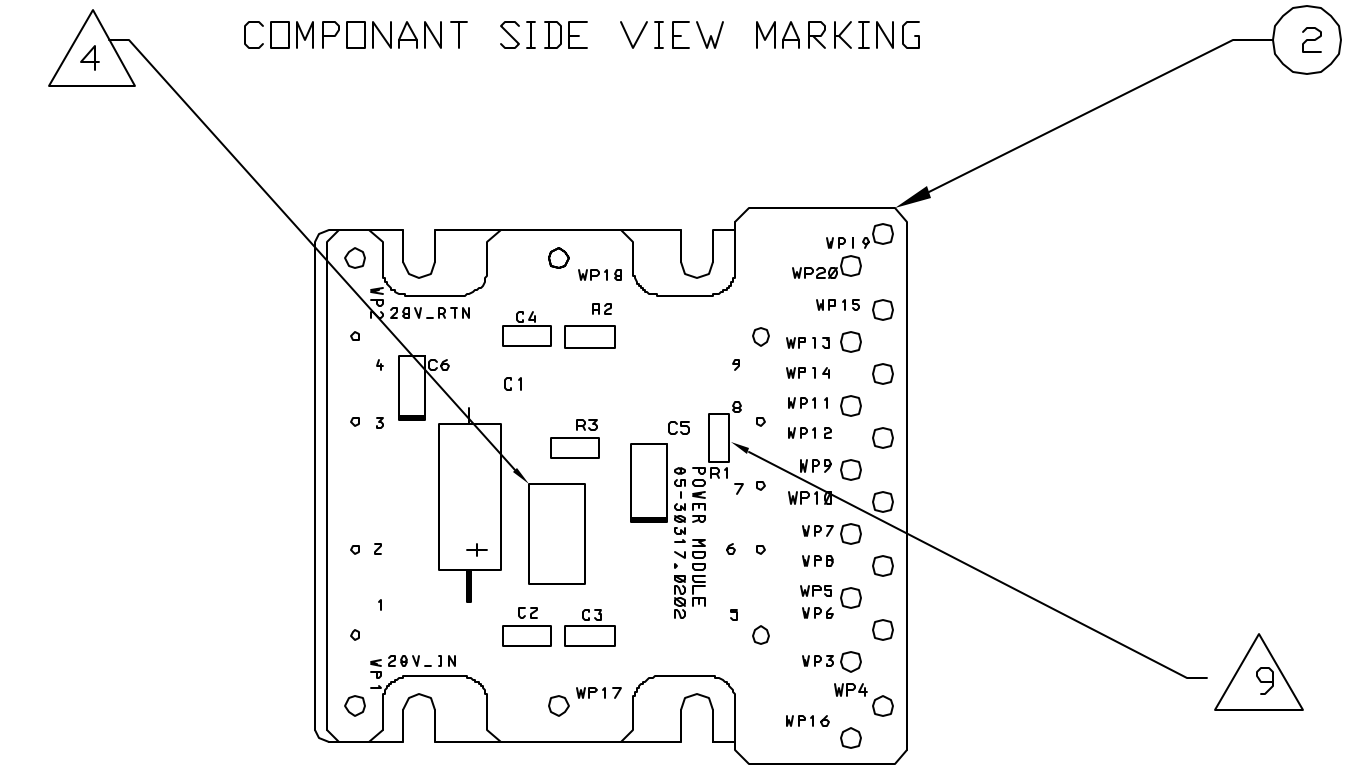


EDD		REVISIONS			
REV	DESCRIPTION	CHECKED	APPROVED	DATE	
85-126	A	INITIAL RELEASE			

TABLE 1

DRAWING NUMBER	NAME	MARKING
85-30317.02	6V POWER MODULE	6V \triangle 4
85-30317.03	5V POWER MODULE \triangle 9	5V \triangle 4
85-30317.04	12V POWER MODULE \triangle 9	12V \triangle 4
85-30317.05	3.3V POWER MODULE \triangle 9	3.3V \triangle 4



- NOTES:
- REFER TO MIT DRAWING 85-03020.20 FOR SCHEMATIC
 - FABRICATE IAW NASA-STD-8739.4.
 - SOLDER IAW NASA SPECIFICATION NASA-STD-8739.2 AND NASA-STD-8739.3.
 - \triangle 4 MARK VOLTAGE SHOWN USING F/N 5.
 - CLEANLINESS REQUIREMENT PER JSC. PRC-5001, LEVEL SENSITIVE-VC
 - BAG AND TAG ASSEMBLIES WITH PART NUMBER, REVISION AND SERIAL NUMBER. SERIALIZE TRAINING UNITS STARTING WITH 100 AND FLIGHT UNITS WITH 300.
 - CONFORMAL COAT USING F/N 11.
-CURE AT 25C, AMBIENT PRESSURE FOR 8 HOURS.
-REMOVE MASKING AND MASKING RESIDUE PRIOR TO BAKE.
-VACUUM BAKE AT 65C, 10-4 TORR FOR 24 HOURS.
 - \triangle 8 RAISE F/N 2 OFF F/N 1 BY .09-.12 PRIOR TO SOLDERING PINS ON F/N 1 TO F/N 2.
 - \triangle 9 DO NOT INSTALL R1 INTO 85-30317.03, 85-30317.04, OR 85-30317.05.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE: ANGLES +/- .1' 3 PLACE DECIMALS +/- .005 2 PLACE DECIMALS +/- .01		NAME	DATE	Massachusetts Institute of Technology Center for Space Research VOILA	
MATERIAL N/A		DRAWN	M. SMITH	2/24/04	ASSEMBLY 6V POWER MODULE
FINISH N/A		CHECKED			
APPLICATION		APPROVED			
85-30317	VOILA	RELEASED			SIZE D
NEXT ASSEMBLY	USED ON				FSCM NO. 80230
					DWG NO. 30-30317.02
					REV A
					SCALE 1:1
					SHEET 1 OF 1