

ABBREVIATIONS	
HRCR	HARDWARE REQUIREMENTS CERTIFICATION REVIEW
MP	MASS PROPERTIES
TBD	TO BE DETERMINED

REVISIONS									
LTR	ZONE	DESCRIPTION	ENGR	CHK	STRUC	MATL	DATE	APPD	DATE
A		INITIAL RELEASE							
		SEE TITLE BLOCK							

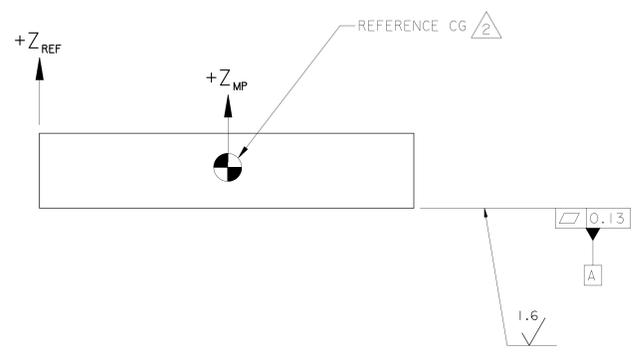
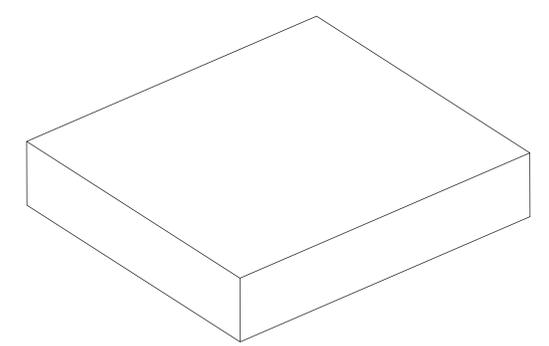
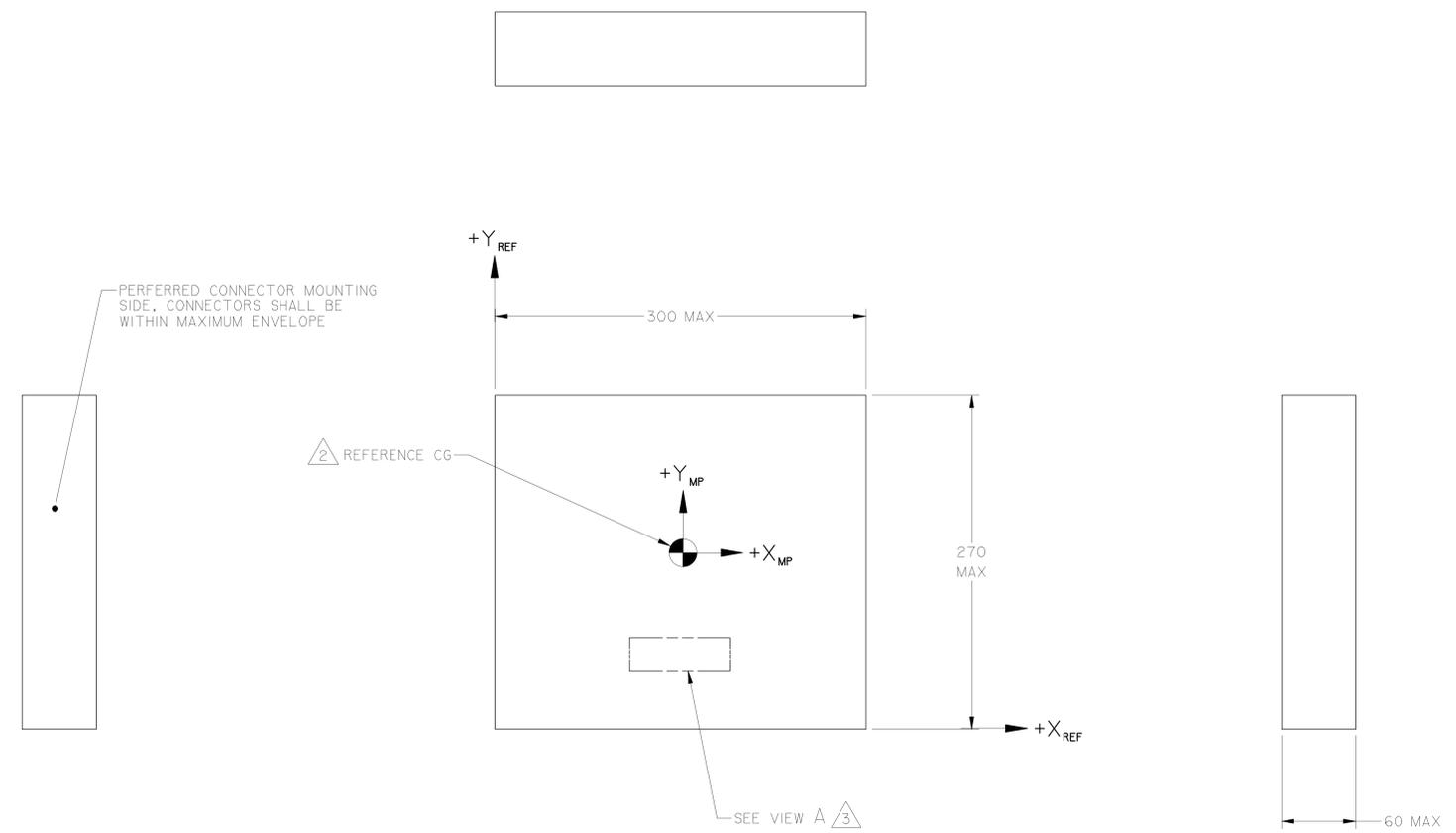


TABLE I

REFDES	CONNECTOR PART NUMBER	DESCRIPTION	FUNCTION	DESTINATION	MATING CONNECTOR
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD
TBD	TBD	TBD	TBD	TBD	TBD

SOIL MOISTURE ACTIVE/PASSIVE (SMAP)
 PART NAME DIPLEXER ASSEMBLY
 JPL REFDES TBD
 MFR CAGE CODE 36FC1
 MFR PN TBD

- 7 FOR CONNECTOR INFORMATION SEE TABLE I. CONNECTORS SHALL BE MOUNTED PER MANUFACTURER'S INSTRUCTIONS.
- 6. ACCESS ENVELOPE FOR RF COAX WITH TNC CONNECTORS (TBD).
- 5. MOUNTING INTERFACE SHALL BE CHEMICAL CONVERSION COATED PER MIL-DTL-5541, CLASS 3. ALL OTHER EXTERIOR SURFACES SHALL HAVE AN EMISSIVITY LESS THAN OR EQUAL TO 0.1.
- 4 INK STAMP IDENTIFY WITH CONNECTOR REFERENCE DESIGNATORS ADJACENT TO CONNECTORS PER (TBD). SEE TABLE I.
- 3 INK STAMP IDENTIFY WITH PROJECT NAME, PART NAME, JPL REFDES, MFR CAGE CODE, AND MFR PART NUMBER, IN AREA INDICATED PER (TBD). SEE VIEW A.
- 2 A. AS BUILT MASS SHALL BE REPORTED TO AN ACCURACY OF ± 0.05 kg AT TIME OF DELIVERY. AS BUILT CENTER OF MASS LOCATION SHALL BE REPORTED RELATIVE TO THE REFERENCE COORDINATE SYSTEM SHOWN AT THE MOUNTING INTERFACE AND TO AN ACCURACY OF ± 5 mm AT TIME OF DELIVERY.
 B. THE MAXIMUM ALLOWABLE MASS IS 2.5 kg. THE MINIMUM ALLOWABLE MASS IS 1.5 kg.
 C. THE MOMENTS OF INERTIA (I_{XX}, I_{YY}, I_{ZZ}) SHALL BE REPORTED TO AN ACCURACY OF \pm (TBD). THE PRODUCTS OF INERTIA (P_{XY}, P_{XZ}, P_{YZ}) SHALL BE REPORTED TO AN ACCURACY OF \pm (TBD). THE MOMENTS AND PRODUCTS OF INERTIA REPORTED SHALL BE ABOUT THE CENTER OF MASS WITH RESPECT TO THE COORDINATE SYSTEM SHOWN AT THE CENTER OF MASS.
 D. THE FINAL MASS PROPERTIES AND THEIR UNCERTAINTIES SHALL BE REPORTED ON A JPL PROVIDED FORM AT HRCR/DELIVERY.

INTERFACE DRAWING

MATERIAL METRIC THIRD ANGLE PROJECTION 	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS LINEAR TOLERANCES: 0-6 +0.1 OVER 6-30 +0.2 OVER 30-150 +0.3 OVER 150-315 +0.5 OVER 315-1000 +0.8 OVER 1000 +1.2 ANGULAR TOLERANCES: +0.5° MACHINE FINISH (MICROMETERS) DO NOT SCALE DRAWING INTERPRET DWG PER ASME Y14.100M	PARTS LIST CONTRACT NO. _____ DATE _____ APPD. FRANK RAMIREZ 0009/10/25 ENGR. _____ DATE _____		JET PROPULSION LABORATORY CALIFORNIA INSTITUTE OF TECHNOLOGY PASADENA, CA 91109 RELEASED THROUGH EDMS
		APPLICATION: SMAP USED ON _____ NEXT ASSEMBLY _____		DIPLEXER ASSEMBLY SIZE: AO CAGE NO: 23835 SCALE: 1/2 UNCLASSIFIED SHEET 1 OF 1 10318025 REV A