NOTES: UNLESS OTHERWISE SPECIFIED

2. THIS DOCUMENT AND RELATED ARTWORK ARE COMPUTER GENERATED. ALL MODIFICATIONS ARE TO BE
   PERFORMED TO THE ORIGINAL DATABASE, 20019324_A-DESIGN.zip.
3. THIS IS A REDUCED DIMENSION DRAWING. ADDITIONAL DIMENSIONS NEEDED TO DEFINE THE TRUE PROFILES
   OF THIS PART SHALL BE OBTAINED FROM THE MASTER CAD MODEL DATABASE NAMED 20019324_A-CAM.ZIP.
   DIMENSIONS AND TOLERANCES SHALL BE INTERPRETED PER ASME Y14.5M. ALL DIMENSIONS ARE IN mm.
4. FABRICATE AND INSPECT PRINTED WIRING BOARD PER IPC-6012 (LATEST VERSION), CLASS 2, TYPE 1.
5. SURFACE FINISH TO BE ELECTROLESS NICKEL / IMMERSION GOLD (ENIG) PLATING PER IPC-4552A. ALL PLATED
   HOLES AND CONDUCTIVE SURFACES SHALL BE PLATED WITH 0.025 mm COPPER MINIMUM. ALL Ni/Au PLATED
   AREAS SHOULD HAVE MINIMUM THICKNESS OF 3µm FOR Ni AND 0.051 µm FOR Au.
6. ALL HOLES SPECIFIED IN THE DRILL CHART ARE FINISHED HOLE DIAMETERS. HOLE TOLERANCE +/- 0.051 mm FOR
   NON-PLATED HOLES AND +/- 0.076 mm FOR PLATED HOLES.
7. FABRICATION TOLERANCES: END PRODUCT TRACE WIDTHS AND LANDS SHALL NOT VARY MORE THAN THE
   SMALLER OF 0.051 mm OR 10% OF THE TRACE WIDTH FROM THE GERBER DATA.
8. SOLDERMASK: PHOTO-IMAGED LIQUID POLYMER, GREEN COLOR, ITEM 4, ON TOP SIDE OF BOARD ONLY IN
   ACCORDANCE WITH IPC-58-840, TYPE B, CLASS 2, OVER BARE COPPER.
9. LEGEND OVER SOLDER MASK ON TOP SIDE OF BOARD ONLY USING WHITE NON-CONDUCTIVE EPOXY INK, ITEM
   4. LEGEND MARKING SHALL NOT BE NEARER THAN 0.127 mm TO ANY PAD. CHARACTER HEIGHT SHALL BE
   0.75 mm MINIMUM.
10. BOW AND TWIST: SHALL NOT EXCEED 0.75%
11. ELECTRICAL TEST: CONTINUITY SHORT AND OPEN TESTING ON ALL AVAILABLE EXPOSED TERMINAL PADS USING
   IPC-D-356A NETLIST DATA. CONTINUITY TEST SHALL BE AT 5 OHMS MAX. SHORTS TESTING SHALL BE PERFORMED
   AT 250V. MINIMUM ISOLATION OF 20µM OHMS.

RÉVISION HISTOIRE

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JET PROPULSION LABORATORY
CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA, CA 91109

PRINTED WIRING BOARD,
ELECTRONIC ID

CONTRACT NO

DWN: D. PALMER
ENGR: D. PALMER

APPLICATION

NEXT ASSEMBLY
USED ON

20019325
TMT

20019324
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SEE JPL DATA MANAGEMENT SYSTEM FOR APPROVAL SIGNATURES AND DATES

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SIGNATURES AND DATES

REV

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APPLIICATION

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