CAMtasticDXP (TM):

NOTES (UNLESS OTHERWISE SPECIFIED):

GENERAL

1) RIGID-FLEX PORTION IS 6 LAYER
2) FLEX PORTION IS 4 LAYER
3) NO SOLDER MASK OR OVERLAY LAYERS
4)
5) THE PHOTO TOOL SHALL NOT BE COMPENSATED WITHOUT PRIOR ENGINEERING APPROVAL.
   PCB DESIGNER: RICH LOBDILL PH (805) 880-1621 FAX (805) 961-1792.

FABRICATION TOLERANCES

6) END PRODUCT CONDUCTOR WIDTHS AND PAD DIAMETERS SHALL NOT VARY MORE THAN 0.002" FROM THE 1:1 DIMENSIONS OF THE MASTER ARTWORK.
7) THE CONDUCTIVE PATTERN SHALL BE POSITIONED SO THAT THE LOCATION OF ANY PAD OR LAND SHALL BE WITHIN 0.005" DIAMETER TO THE TRUE POSITION OF THE HOLE IT CIRCUMSCRIBES.
8) ALL DRILL HOLE SIZES AND TOLERANCES APPLY AFTER PLATING.
9) THE MINIMUM ANNULAR RING SHALL BE 0.005".
10) BOW AND TWIST SHALL NOT EXCEED 0.010" PER INCH.
11) FOR PCB ROUTING DIMENSIONS: .XXX = +/-.005" .XX = +/-.020"

MATERIAL

12) RIGID SECTIONS
    BASE LAMINATE: ARLON 85N (DO NOT USE 85N PRE-PREG)
    PRE-PREG: ARLON 38N

13) FLEX SECTIONS
    FLEX LAMINATE: DuPONT PYRALUX AP9111
    ADHESIVE: DuPONT PYRALUX LF0200

PLATING

14) ALL HOLES AND CONDUCTIVE SURFACES SHALL BE PLATED WITH A MINIMUM OF 0.001" COPPER.
15) ALL EXPOSED HOLES AND CONDUCTIVE SURFACES SHALL BE COATED WITH A GOLD IMMERSION PLATING TO PRESERVE SOLDERABILITY.

COATINGS

16) NO SOLDERMASK

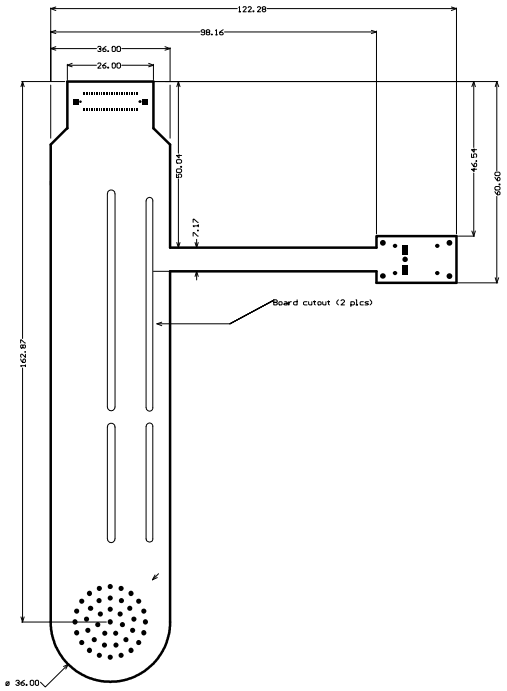
MARKING

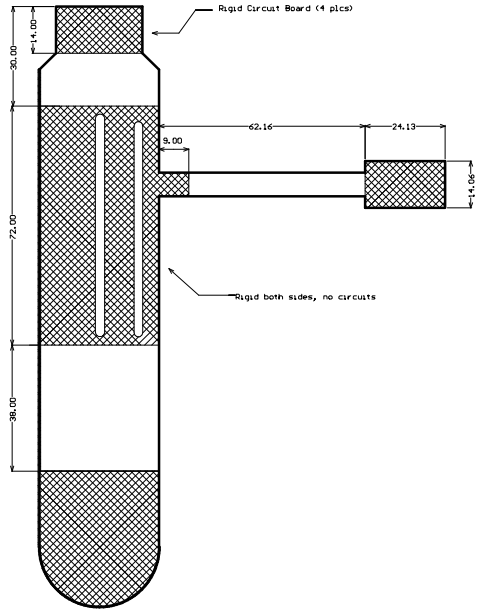
18) NO SILKSCREEN
19)

20)

ELECTRICAL TESTING

21) ALL BOARDS SHALL BE ELECTRICALLY TESTED TO THE SUPPLIED IPC-D-356A NET LIST FOR CONTINUITY, OPENS AND SHORTS.





Layer Stack Up Detail for: Flex_Circuit.PcbDoc

Layer Name		Copper Cladding
Top Layer (*.GTL)	RIGID	1 oz.
Mid-Layer 1 (*.G1)	FLEX	1 oz.
Mid-Layer 2 (*.G2)	FLEX	1 oz.
Mid-Layer 3 (*.G3)	FLEX	1 oz.
Mid-Layer 4 (*.G4)	FLEX	1 oz.
Bottom Layer (*.GBL)	RIGID	1 oz.

PRIMARY PCB SPECIFICATIONS

(REFER TO COMPLETE SPEC LISTING AT LEFT FOR FURTHER DETAILS)

NUMBER OF LAYERS	—	6
FINISHED THICKNESS	—	.062"
BASE MATERIAL	—	SEE NOTES ABOVE
PLATING TYPE	—	GOLD IMMERSION
SOLDER MASK COLOR	—	NO SOLDER MASK

Las Cumbres Observatory
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Goleta, CA 93117
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DATE	DESIGNED	DRAWN	SCALE
6/27/2011	Rich Lobdill	Rich Lobdill	1 : 1

CHECKED/DATE
APPROVED/DATE

TITLE: 175-00030 rev2, FLEX CIRCUIT, SINISTRO

SIZE	DOC NO.	REV	SHEET
C	- GPT	2	1 OF X