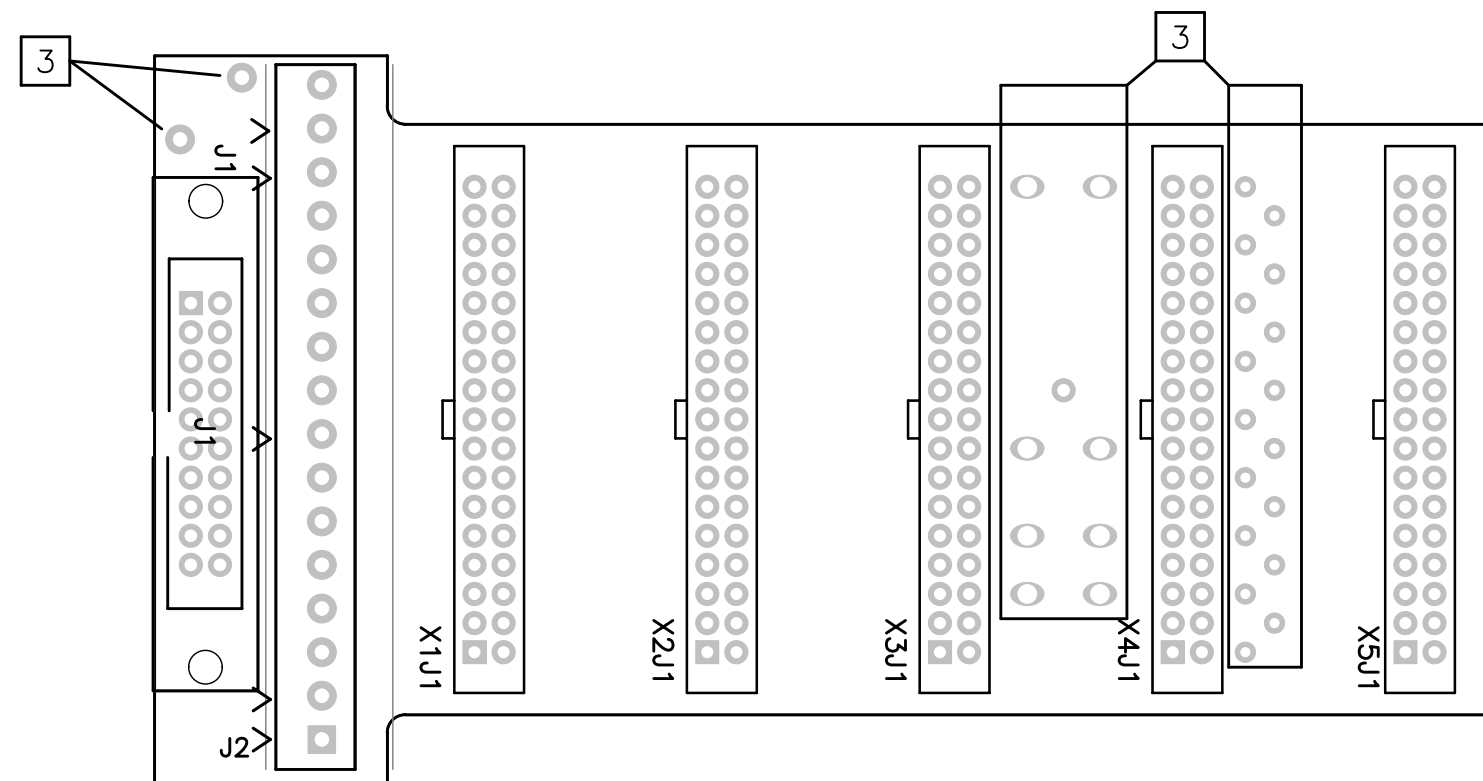


REVISIONS

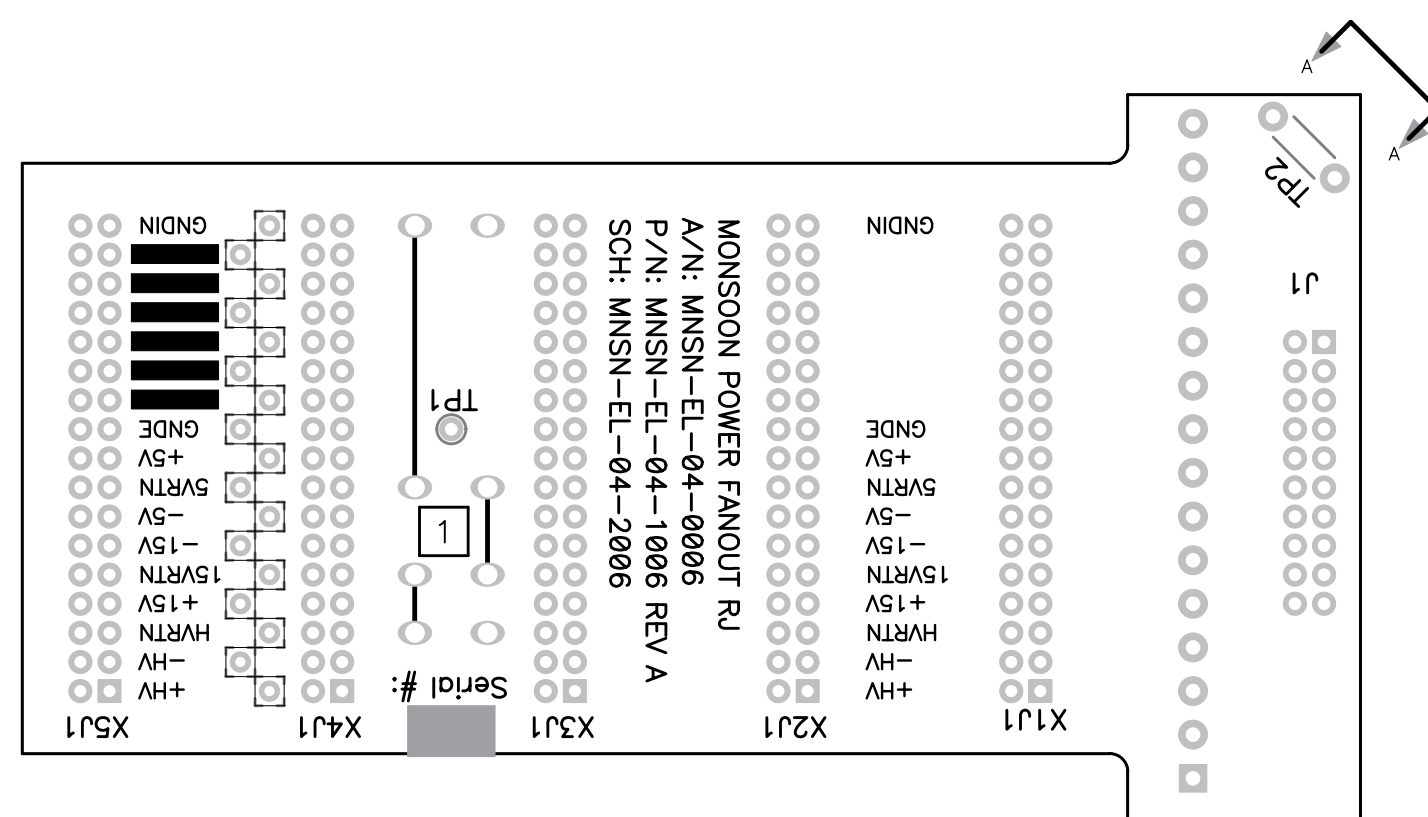
ZONE	LTR	REVISIONS	ECR	DATE	BY	APRV
	-1	add wire(s) to improve analog dc grounding	MNSN-0127	11/10/09	DMS	r.george
	A	Change PN item 3, add holes for grounding jumpers Change notes 1 & 3 add detail A-A, pads for probes		03/09/10	DMS	m.hunten r.george



ASSEMBLY
TOP

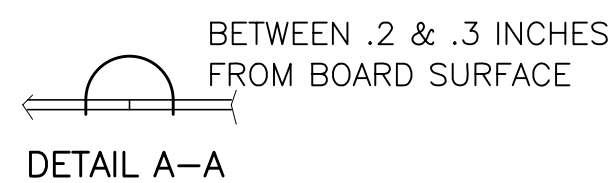
NOTES:

1. Add 16 awg black stranded wire to back of board into oval pads as shown. These wire short pins 3, 5, 8 & 16 of J2 together. Holes should be masked if waving soldering process is used for connectors.
2. Before installing any components check all boards using an ohm meter for shorts between all power and ground nodes.
3. Mask holes for post wave solder process.



ASSEMBLY
BOTTOM

APPROVED FOR
CONSTRUCTION
03-19-10 DMS



A/R	QTY REQ'D	PART OR IDENTIFYING NO	ITEM DESCRIPTION	WIRE ADDS	ITEM NO
1			Wire, black 16 awg		
1			Wire, bus 18-20 awg		
1		TP-105-01-02	TEST POINT	TP2	6
1		EDSTLZ1555/16	Terminal Strip, 3.81mm 8A 16 pin	J2	Components Corp. 5
1		3428-6302	Con, 20 pin .1 ctr walled header vertical long latching at end	J1	On Shore Tech 4
1		8534-4500JL	Con, 34 pin .1 ctr keyed socket	X1J1, X2J1, X3J1, X4J1, X5J1	3M 3
5		SFH11-PBPC-D17-ST-BK			SULLINS 2
1		MNSN-EL-04-1006	PCB Blank, Power Fanout Board RJ		NOAO 1

TOLERANCES UNLESS OTHERWISE NOTED .XX ± .03 ANGULAR ±.5° .XXX ± .010		THIRD ANGLE PROJECTION		NATIONAL OPTICAL ASTRONOMY OBSERVATORIES OPERATED BY THE ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY UNDER COOPERATIVE AGREEMENT WITH NATIONAL SCIENCE FOUNDATION	
DO NOT SCALE DRAWING		NAME		USED ON	
NEXT ASSEMBLY		ASSEMBLY		MONSOON	
REFER TO SCHEMATIC MNSN-EL-04-2006		POWER FANOUT BOARD RJ BP w/ MCB Right Justified		DWG SIZE C	
SCALE: FULL		DESIGNED BY P. SCHMITT		DATE MAR04	
DWG PRODUCED USING PCAD 2006		DRAWN BY Dee Stover		DATE 26MAR04	
		CHECKED BY		DATE	
		APPROVED BY		DATE	
		DWG NO		MNSN-EL-04-0006	
		RELEASED		SHEET 1 OF 1	