

REVISIONS				
LTR	DESCRIPTION	ECR	DATE	BY APP'D

CARD CAGE
DSUB 50P

P1
DSUB 25P

1	W-GN-BK	SET GUNN VOLTAGE (+)	1
2	W-BN	SET GUNN VOLTAGE (-)	2
3	W-D-BK	SET LODP GAIN (+)	3
4	W	SET LODP GAIN (-)	4
5	W-Y-BK	SET 2 GHz LEVEL (+)	5
6	W-BK	SET 2 GHz LEVEL (-)	6
7	W-V	GUNN VOLTAGE MONITOR	7
8	R	CONTROL VOLTAGE MONITOR	8
9	BN	HARM MIXER CURRENT MONITOR	9
10	D	100 MHz IF LEVEL MONITOR	10
11	BU	100 MHz REF LEVEL MONITOR	11
12	W-GY	GUNN DN/OFF	12
13	Y	SWEEP DN/OFF	13
14	W-BU-BK	IF MONITOR DN/OFF	14
15	W-Y	LOCK STATUS	15
16	W-BN-BK	LOCK BOX RETURN	16
17	GY	LODP CONTROL	17
41	W-R-BK	-15 VDC	22
42	GN	+15 VDC	23
43	W-BU + W-D	DOUBLE WIRES POWER RETURN	24
44	V + W-GN	DOUBLE WIRES +20 VDC	25

C3-166

IF POST AMPS BOX TEMP MONITOR
(NOT CONNECTED)

P2
PT02A-10-6P (OR - 5P)

+15V

A

B

COM

C

D

E

POWER FOR ZRON
8G AMPLIFIER

UNLESS OTHERWISE NOTED
Resistors are in ohms 1/4W ± 5%
Capacitors are in microfarads ± 50%
Inductors are in microhenrys ±H

DESIGNED BY
K. CARLE

CHECKED BY

APPROVED BY

DATE
8-19-04

DATE

DATE

ARIZONA RADIO OBSERVATORY

Steward Observatory
The University of Arizona
Tucson, Arizona 85721

DATE
6-8 GHz MODIFICATION

SIZE
DRAWING NO.

DATE
3 - 24M

RECEIVER

DO NOT SCALE DRAWING

RELEASO

SHEET
OF