

REVISIONS					
LTR	DESCRIPTION	ECR	DATE	BY	APPVD

CARD CAGE
DSUB 50P

P1
DSUB 25P

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

+15V
A
B
C
D
E

POWER FOR ZRON
8G AMPLIFIER

1	W-GN-BK	SET GUNN VOLTAGE (+)	↓	1
2	W-BN	SET GUNN VOLTAGE (-)	↓	2
3	W-D-BK	SET LOOP GAIN (+)	↓	3
4	W	SET LOOP 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 ON/OFF		12
13	Y	SWEEP ON/OFF		13
14	W-BU-BK	IF MONITOR ON/OFF		14
15	W-Y	LOCK STATUS		15
16	W-BN-BK	LOCK BOX RETURN		16
41	W-R-BK	-15 VDC		22
42	GY + GN	DOUBLE WIRES +15 VDC		23
43	W-BU + W-D	DOUBLE WIRES POWER RETURN		24
44	V + W-GN	DOUBLE WIRES +20 VDC		25
49				

IF POST AMPS BOX TEMP MONITOR
(NOT CONNECTED)

UNLESS OTHERWISE NOTED
Dimensions are in inches / mm ± .05
Tolerances are in parentheses unless
indicated are in micrometers μm

DESIGNED BY
K. CARLE
DATE
6-2-04

CHECKED BY
DATE

APPROVED BY
DATE

ARIZONA RADIO OBSERVATORY

Standard Observatory
The University of Arizona
Tucson, Arizona 85721

NAME
GUNN LOCKBOX CABLES

DESIGNED BY
K. CARLE
DATE
6-2-04

CHECKED BY
DATE

APPROVED BY
DATE

UT RCVR

SIZE
A

DRAWING NO.

REV

USED ON
SHT

REF

DO NOT SCALE DRAWING

RELEASED

SHEET
OF