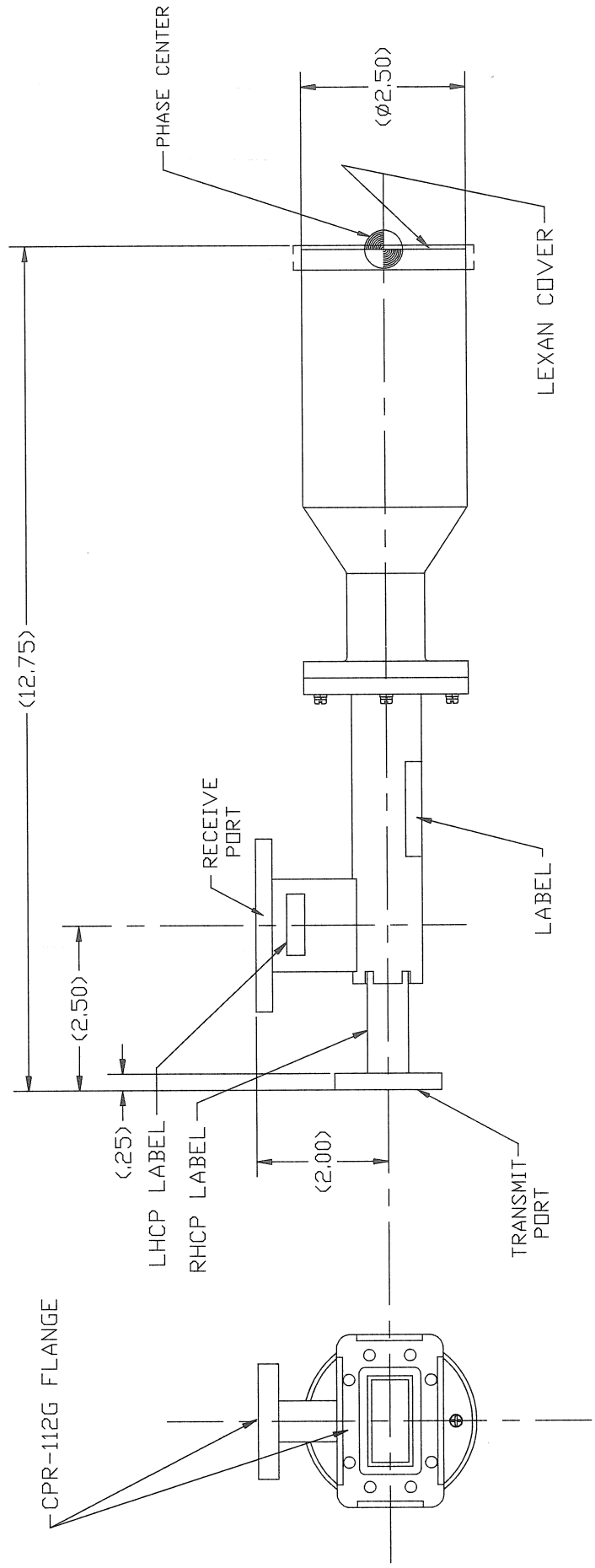


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| ECN# | REV | DESCRIPTION | DATE | APPROVED |
|------|-----|--------------------------|----------|----------|
| 1113 | A | ORIGINAL ISSUE | 08-08-95 | AJS |
| | B | PRESSURE WAS 1/2 PSIG | | |
| | C | UPDATE TO CURRENT FORMAT | 04-04-03 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |



| SPECIFICATIONS: | |
|-----------------|---|
| FREQUENCY: | 7.25-7.75 GHz RECEIVE (LHCP ANTENNA) 7.9-8.4 GHz TRANSMIT (RHCP ANTENNA) |
| POLARIZATION: | DUAL CIRCULAR |
| AXIAL RATIO: | 2 dB (MAX.) |
| VSWR: | 1.4:1 (MAX.) |
| ISOLATION: | 18 dB (MIN.) Tx TO Rx |
| POWER HANDLING: | 500 WATTS C.W. |
| PRESSURE SEAL: | 1.0 PSIG (MAX.) |

FINISH
CHROMATE PER MIL-C-5541
CLASS 1A & WHITE PAINT

MATERIAL
FEED: ALUM
HARDWARE: SSTEEL
REMOVE ALL BURRS AND SHARP EDGES
DO NOT SCALE DRAWING
WORKMANSHIP SHALL BE IN ACCORDANCE WITH MIL-STD-454, REPT 9.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

| ANGLES | TOLERANCES | LINEAR |
|--------|-------------------|-------------|
| ±1° | .0135-.250 +.005 | X = ±.06 |
| | .251-.500 +.006 | XX = ±.02 |
| | .501-1.000 +.010 | XXX = ±.010 |
| | 1.001-1.000 -.001 | |

DRAWN: JBB
DATE: DA188-08-95
CHECKED: []
DATE: []
PROJ. ENG: []
DATE: []
ENG. DEPT: []
DATE: DA188-18-95
MFG. DEPT: []
DATE: []
Q.A. DEPT: []
DATE: []

SEAVEY ENGINEERING ASSOCIATES, INC.
FREDERICK, MA. 02169
DRAWING TITLE
OSA-77C

DATE PLOTTED: 04/04/03
SCALE: 1 OF 1
REV: B
9446-800
SHEET 1 OF 1