

# SPECIFICATIONS

**OPERATING BAND** RX: 3.40 - 4.200 GHz  
TX: 5.85 - 6.725 GHz

**INSERTION LOSS** RX: 0.30 dB MAX  
TX: 0.20 dB MAX

**VSWR** RX: 1.60:1 dB MAX  
TX: 1.45:1 dB MAX

**ISOLATION** TX-RX: 80 dB MIN  
RX-TX: 40 dB MIN

**CROSS POL** : 30 dB MIN

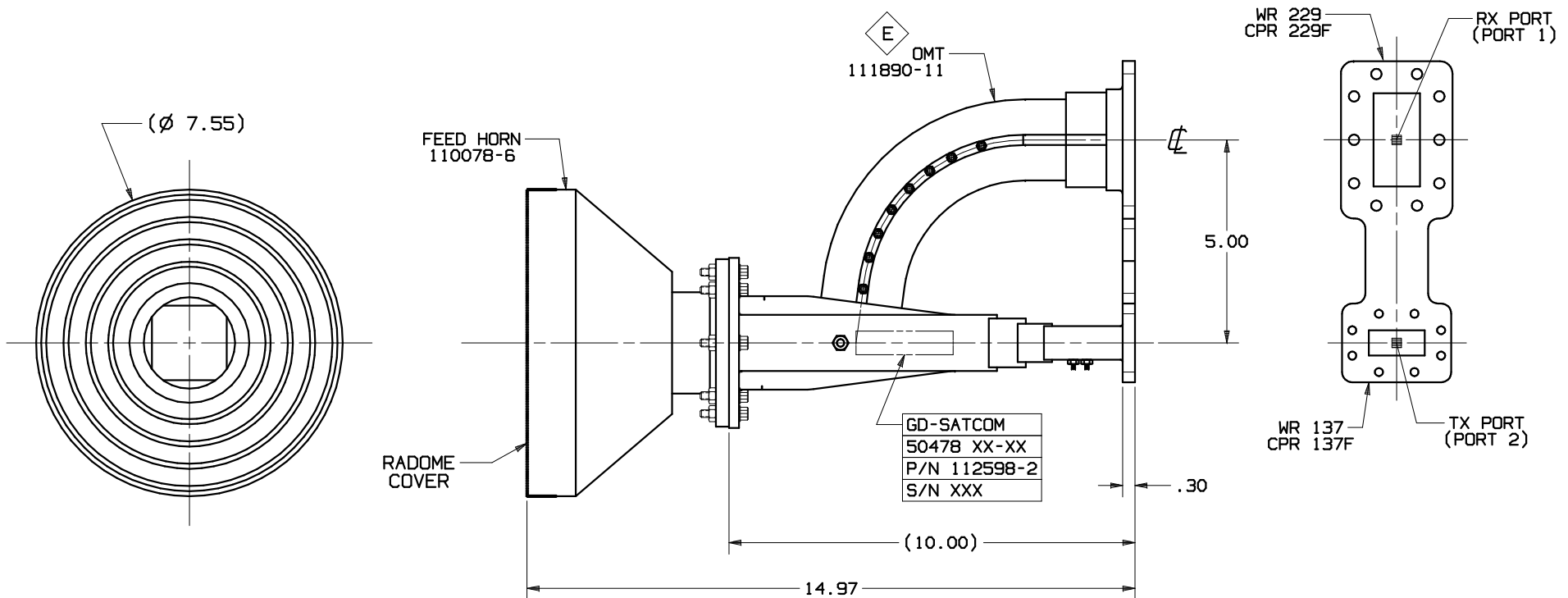
**POWER HANDLING** : 1 KW CW

**PRESSURIZATION** : SEALED TO 2.0 PSIG

**FINISH FLANGE**  
**FACE & INTERIOR:** CHROMATE CONVERSION COATED PER MIL-DTL-5541F, TYPE II, CLASS 1A  
**EXTERIOR:** WHITE PAINT, COLOR No 17875 PER FED-STD-595

## REVISIONS

| REV | DESCRIPTION        | DATE       | APPROVED |
|-----|--------------------|------------|----------|
| D   | SEE REVISION SHEET | 12-16-05   |          |
| E   | SEE CN No 12879    | 2014-10-07 | see CN   |



|                            |  |                                                |  |          |  |
|----------------------------|--|------------------------------------------------|--|----------|--|
| UNLESS OTHERWISE SPECIFIED |  | SIGNATURES                                     |  | DATE     |  |
| DIMENSIONS ARE IN INCHES   |  | DRAWN: L. TOVALIN                              |  | 04-11-05 |  |
| TOLERANCES-                |  | CHECKED:                                       |  | 04-11-05 |  |
| SURFACE .XX ±.03           |  | ENGRG:                                         |  |          |  |
| 63 .XXX ±.004              |  | ENGRG:                                         |  |          |  |
| ✓ .XXXX ±.0020             |  | ENGRG:                                         |  |          |  |
| ANGLES±                    |  |                                                |  |          |  |
| MATERIAL                   |  | EAR CONTROLLED:                                |  |          |  |
| FINISH                     |  | Export or re-export subject to 15 CFR 700-799. |  |          |  |
|                            |  | SCALE: 1/2                                     |  | SHEET 1  |  |

|                                                     |          |          |     |
|-----------------------------------------------------|----------|----------|-----|
| GENERAL DYNAMICS PROPRIETARY                        |          |          |     |
| <b>GENERAL DYNAMICS</b>                             |          |          |     |
| SATCOM Technologies                                 |          |          |     |
| 3111 Fujita St., Torrance, CA 90505, (310) 539-6704 |          |          |     |
| <b>C-BAND 2-PORT FEED</b>                           |          |          |     |
| <b>800 MHz</b>                                      |          |          |     |
| SIZE                                                | FSCM NO. | DWG NO.  | REV |
| C                                                   | 50478    | 112598-2 | E   |