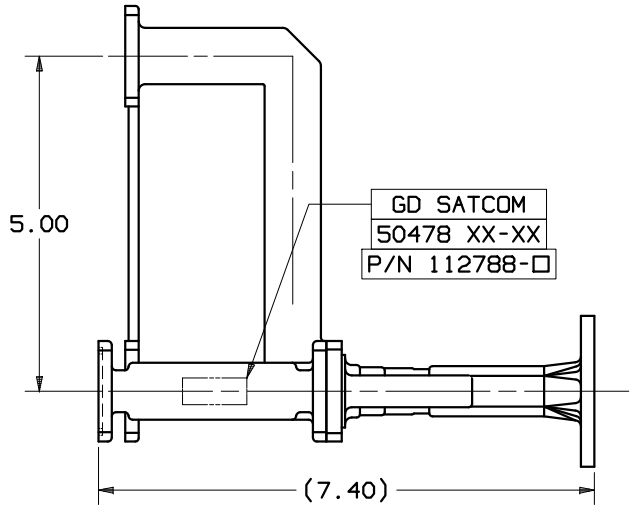
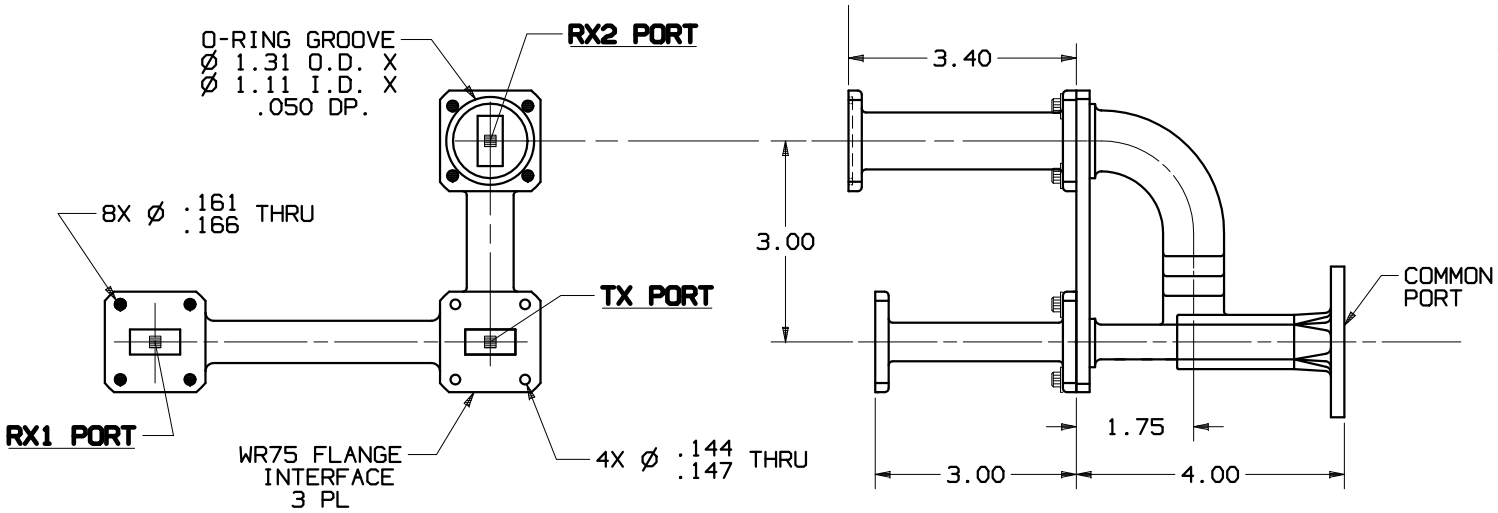
SatelliteDish.com 954-941-8883

SPECIFICATIONS

FREQUENCY BAND	:	SEE BELOW
INSERTION LOSS	RX1:	0.50 dB MAX
	RX2:	0.30 dB MAX
	TX :	0.25 dB MAX
VSWR	RX:	1.30:1 MAX
	TX:	1.30:1 MAX
ISOLATION	TX/RX1:	70 dB MIN.
	TX/RX2:	85 dB MIN.
	RX/TX :	30 dB MIN.
	RX1/RX2:	30 dB MIN.
CROSSPOL	:	35 dB MIN.
POWER HANDLING	:	1 KW CW
PRESSURIZATION	:	SEALED TO 5.0 PSI
FINISH INTERIOR AND FLANGE FACES:		CHEM FILMED PER MIL-C-5541, CLASS 1A
EXTERIOR:		WHITE PAINT, COLOR No. 17875 PER FED-STD-595

REVISIONS			
REV	DESCRIPTION	EFFECTIVE DATE	APPROVED BY
E	DR# 10115		





CONFIGURATION	FREQUENCY BAND		
	Rx1	Rx2	Tx
-1	10.95-11.70 GHz	10.95-12.75 GHz	13.75-14.50 GHz
-2	11.45-12.20 GHz		
-3	12.00-12.50 GHz		
-4	12.20-12.75 GHz		

UNLESS OTHERWISE SPECIFIED

INTERPRET DIMENSIONING & TOLERANCING PER ANSI Y14.5M-1982. DIMENSIONS ARE IN INCHES. DIMENSIONS SHOWN IN ( ) ARE FOR REFERENCE ONLY. TOLERANCES ARE:

SURFACE- 63 √

TOLERANCES-
.XX ±.03
.XXX ±.003
.XXXX ± ANGLES ±0°30'

MATERIAL:

APPROVALS		DATE
DRAWN:	L. TOVALIN	08-09-02
CHECKED:	H.SPIELEDER	08-09-02
ENGRG:		
MFG:		
QA:		

EAR CONTROLLED:

Export or re-export subject to 15 CFR 700-799.

GENERAL DYNAMICS PROPRIETARY

GENERAL DYNAMICS
SATCOM Technologies
3111 Fujita St., Torrance, CA 90505, (310) 539-6704

Ku-BAND 3-PORT DIPLEXER

SIZE	FSCM No.	DWG No.	REV
C	50478	112788-□	E

SCALE: 7:10 SHEET 1