

SPECIFICATIONS

FREQUENCY BAND RX: 12.20-12.75 GHz
TX: 13.75-14.50 GHz

INSERTION LOSS RX: 0.35 dB MAX
TX: 0.25 dB MAX

VSWR RX: 1.25:1 MAX
TX: 1.25:1 MAX

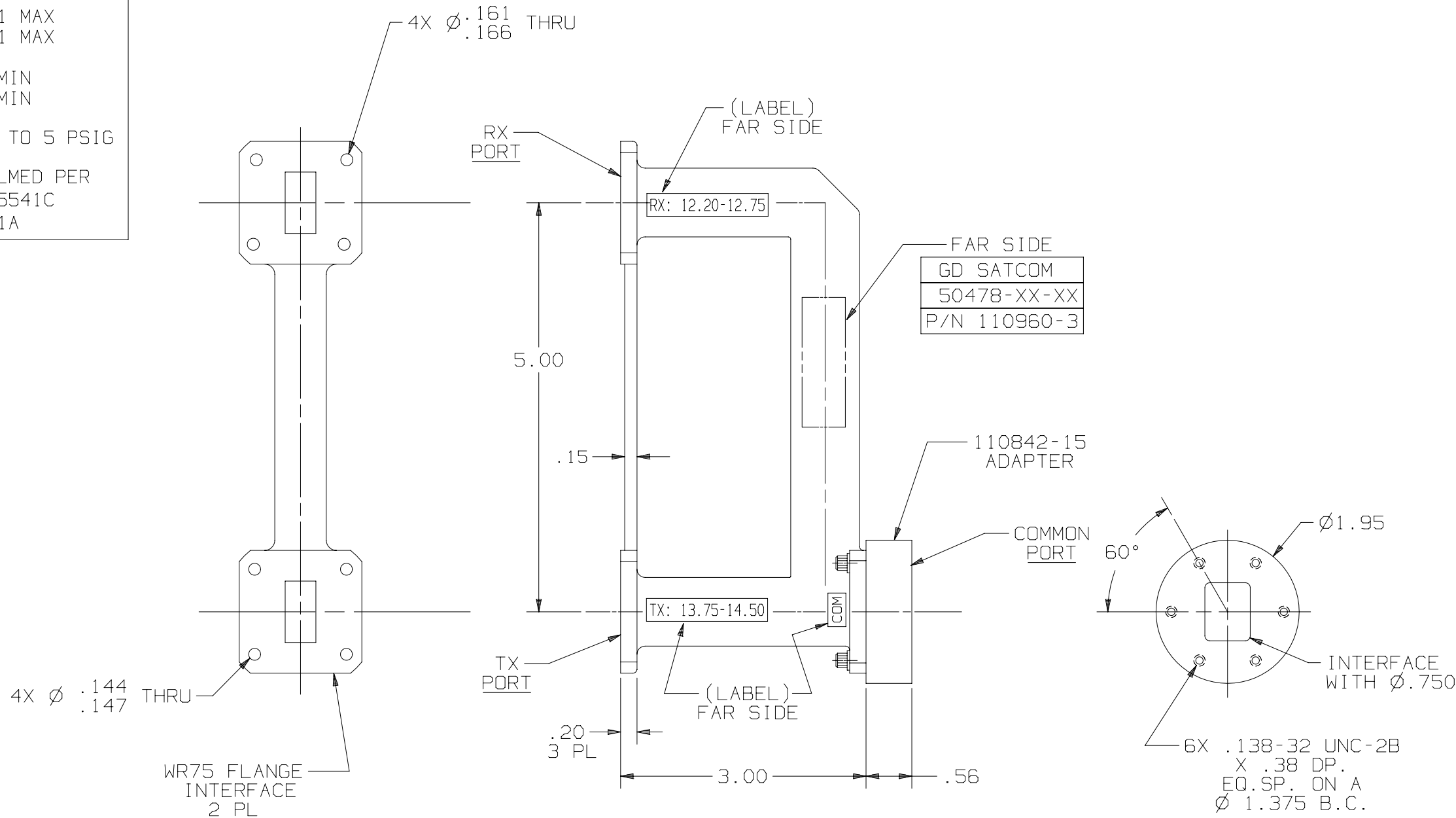
ISOLATION TX/RX: 70 dB MIN
RX/TX: 30 dB MIN

PRESSURIZATION : SEALED TO 5 PSIG

FINISH : CHEMFILMED PER MIL-C-5541C CLASS 1A

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
E	SEE E.C.O. RECORD	02-16-06	



- 3 CONFIGURATION

NOTES: UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		GENERAL DYNAMICS PROPRIETARY	
DIMENSIONS ARE IN INCHES		DRAWN: L TOVALIN		06-16-97		GENERAL DYNAMICS SATCOM Technologies 3111 Fujita St., Torrance, CA 90505, (310) 539-6704	
TOLERANCES-		CHECKED: H.SPIELEDER		06-16-97			
SURFACE .XX ±.01 .XXX ±.003 63 ✓ .XXXX ±.0015		ENGRG:					
MATERIAL: CAST ALUMINUM .10 MIN WALL		MFG:				Ku-BAND DIPLEXER RX/TX 12.20-12.75 & 13.75-14.50 GHz	
FINISH:		EAR CONTROLLED: Export or re-export subject to 15 CFR 700-799.					
		SIZE		FSCM No.		DWG No.	
		C		50478		110960-3	
		SCALE: 1:1				REV E	
						SHEET 1 of 1	