

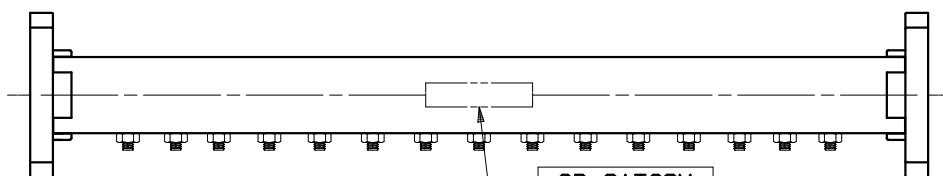
**SPECIFICATION**

FREQUENCY BAND: 4.425 - 4.525 GHz  
 INSERTION LOSS: 0.35 dB MAX  
 ISOLATION : 70 dB MIN AT 4.275 AND 4.675 GHz  
 RETURN LOSS : 23 dB MIN  
 GROUP DELAY VARIATION: ±7 ns MAX  
 POWER HANDLING: 510 W MIN (57 dBm)

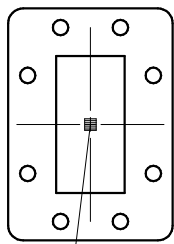
OPERATING TEMP.: -32°C TO +85°C  
 PRESSURIZATION : SEALED TO 2.0 PSIG  
 FINISH INTERIOR & FLANGE FACES: COPPER ALLOY  
 EXTERIOR: BLACK PAINT, COLOR #37038 PER FED-STD-595

**REVISIONS**

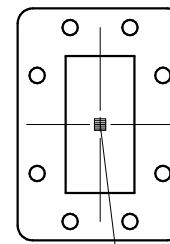
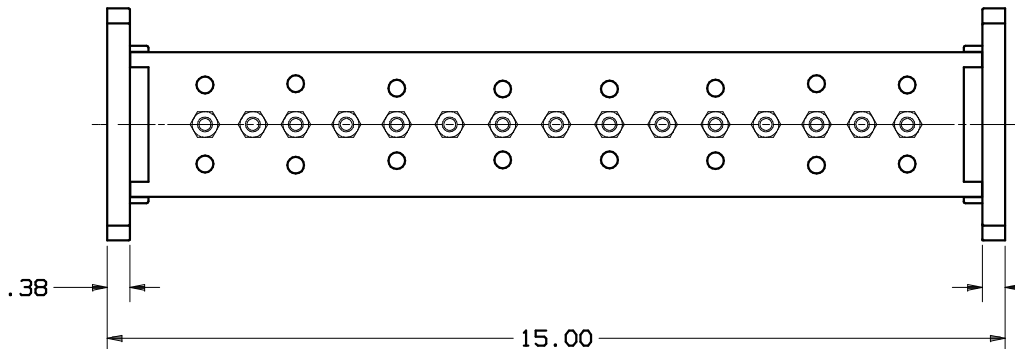
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	04-02-12	H.S.



GD SATCOM  
 50478 XX-XX  
 P/N 114353-4  
 S/N XXX



WR187  
 CPR187F  
 FLANGE  
 PATTERN



WR187  
 CPR187F  
 FLANGE  
 PATTERN

NOTES: UNLESS OTHERWISE SPECIFIED.

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 - TOLERANCES - .XX ±.01 .XXX ±.005 .XXX ±.005 .XXXX ±.005 ANGLES ±0°30'  MATERIAL:	APPROVALS DRAWN: H. Lim CHECKED: H. Spieleder RF-ENG: MFG-ENG: ENG-MGR: J. Kerpan	DATE 04-02-12 04-02-12	GENERAL DYNAMICS PROPRIETARY <b>GENERAL DYNAMICS SATCOM Technologies</b> 3111 Fujita St., Torrance, CA 90505, (310) 539-6704	
	EXPORT CONTROLLED: Export or re-export subject to 15 CFR 700-799.		<b>C-BAND FILTER; BANDPASS</b>	
		SIZE C FSCM No. 50478 SCALE: 5:8	DWG No. 114353-4	REV - SHEET 1