

SPECIFICATIONS

REVISIONS

FREQUENCY BAND Rx: 22.55 - 23.55 GHz
Tx: 25.25 - 27.50 GHz

INSERTION LOSS Rx: 0.80 dB MAX (0.60 TYP)
Tx: 0.60 dB MAX

RIPPLE : ±0.10 dB MAX OVER ANY 650 MHz BW

VSWR : 1.20:1 MAX

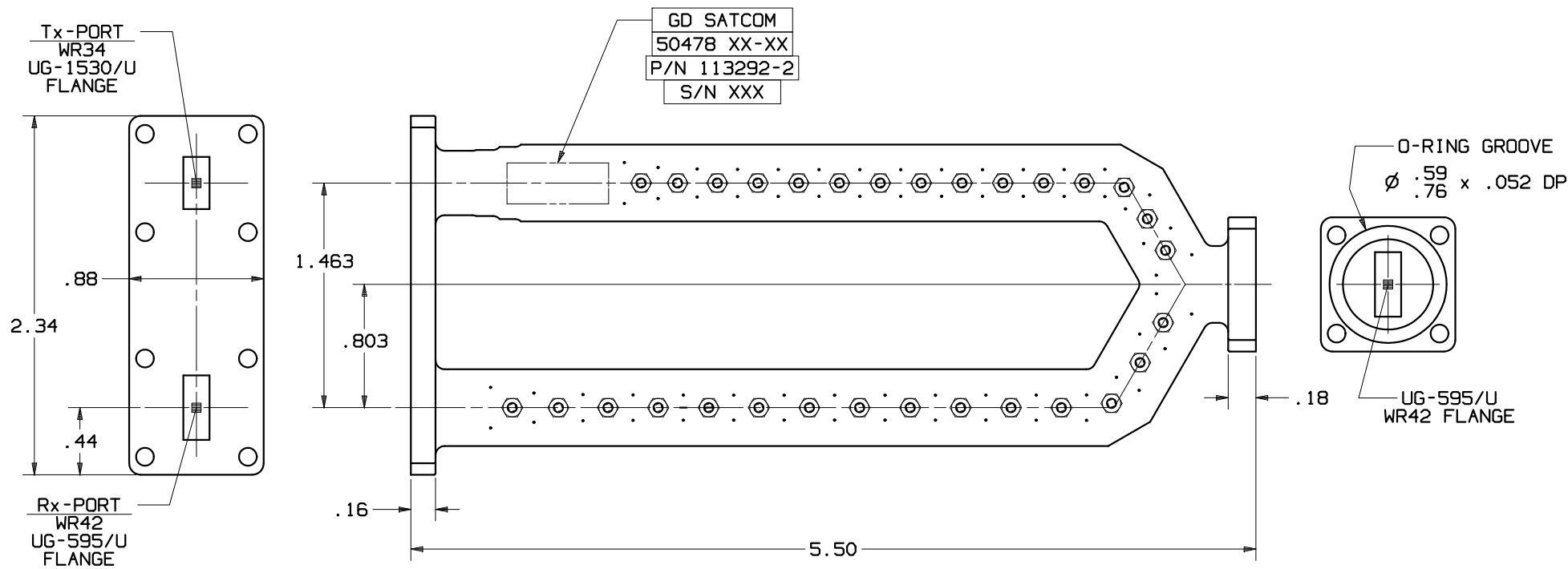
ISOLATION Tx/Rx: 100 dB MIN
Rx/Tx: 60 dB MIN

POWER HANDLING : 100 W CW MIN

PRESSURIZATION: SEALED TO 5.0 PSI

FINISH
FLANGE FACES: COPPER ALLOY
EXTERIOR: WHITE PAINT, COLOR No 17875
PER FED-STD-595

REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE		



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 ±.002 .XXXX ±.0010 ANGLES ±0°30' MATERIAL:	APPROVALS DRAWN: J. Quicho CHECKED: H. Spieleder ENGRS: DA:	DATE 10-16-09 10-16-09	GENERAL DYNAMICS PROPRIETARY GENERAL DYNAMICS SATCOM Technologies 3111 Fujita St., Torrance, CA 90505, (310) 539-6704		
	EAR CONTROLLED: Export or re-export subject to 15 CFR 700-799.		K-BAND DIPLEXER		
	SCALE: 1:1	SIZE C	FSCM No. 50478	DWG No. 113292-2	REV -
			SHEET 1		