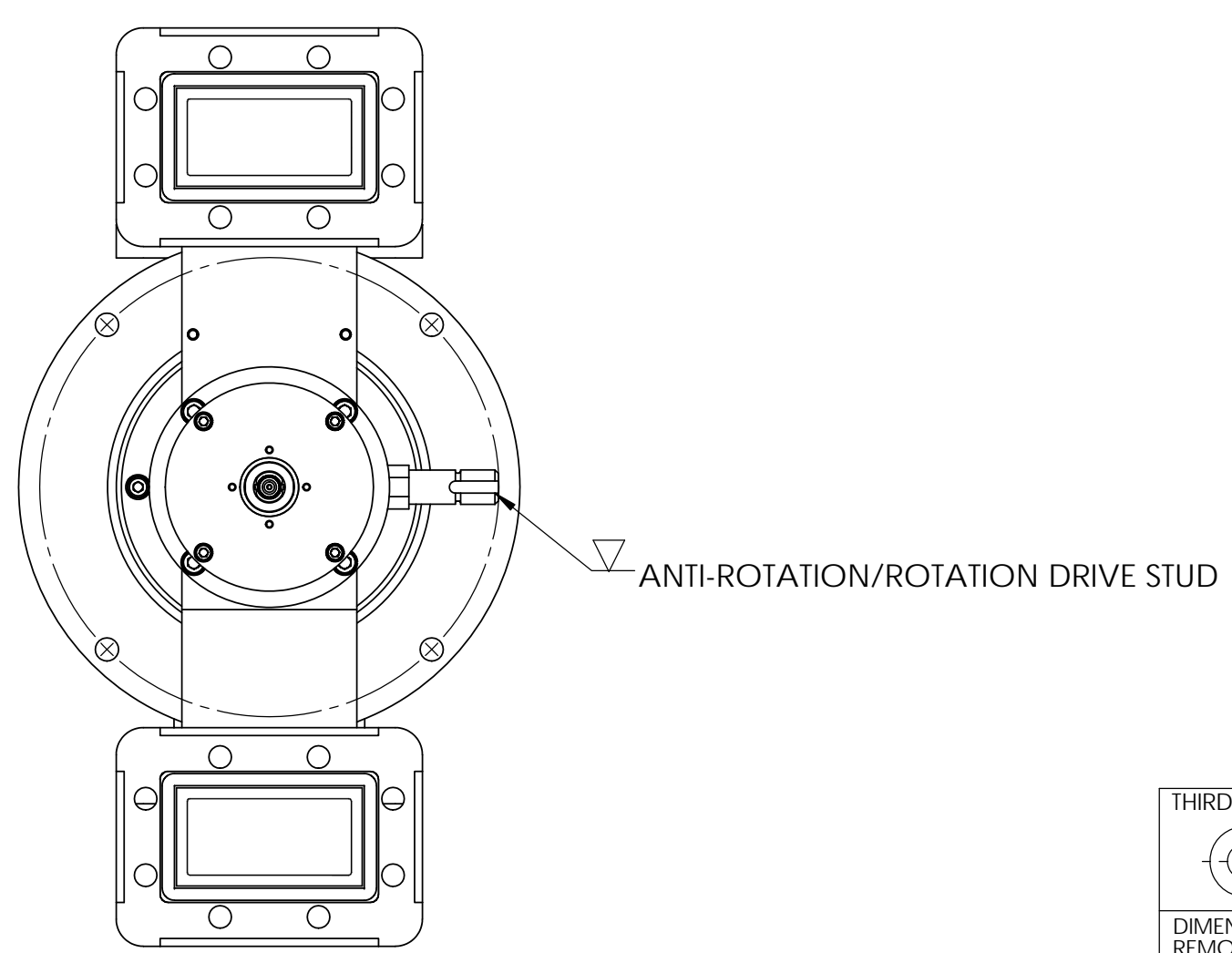


4X FLANGE, CONTACT, WR-187, UG-1353/U OR EQUIVALENT W/WAVEGUIDE SEAL NOTE 8

SPECIFICATIONS:

CHANNEL DESIGNATION:	CH 1	CH 2
FREQUENCY, GHz:	5.2-5.7	5.2-5.7
VSWR, MAX:	1.25:1	1.30:1
VSWR WOW, MAX:	1.05:1	1.05:1
INSERTION LOSS, dB MAX:	0.25	0.35
INSERTION LOSS WOW:	0.10	0.10
ISOLATION, dB MIN:	----- 50 -----	
POWER, PEAK, KW:	500	
POWER, AVERAGE, W:	500	1
PHASE WOW:	2°	2°
PRESSURIZATION, MIN, PSIG:	20	
LEAK RATE, MAX:	10 CC/MIN	
TORQUE, STARTING @ 25°C, MAX:	20 IN LBS @ 20 PSIG	



**FIBER OPTIC
SINGLE CHANNEL
SINGLE MODE
CONNECTORS: ST
WAVE LENGTH: 1310 & 1550 nm
INSERTION LOSS (MAX): 2.5 dB**

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED. SURF FINISH 63 TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
±1/64 2 PLACES ±.03 ±1/2
3 PLACES ±.010

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

TITLE:
DUAL CHAN WR187 ROTARY JOINT

SIZE: C	CAGE CODE: 01882	DRAWING NUMBER: CAT 15-22115-0
SCALE 1:2	WEIGHT (EST.):	SHEET 1 OF 1