

**SPECIFICATIONS**

	CHAN 1	CHAN 2
FREQUENCY (GHz):	DC-18	DC-18
VSWR (MAX):	1.75:1	3.25:1
INSERTION LOSS (MAX):	1.5 dB	2.0 dB
POWER (CW MAX):	1 W	1 W
ISOLATION (MIN):	-----60 dB-----	
CONNECTORS:	SM-K JACK (SMA COMPATIBLE)	

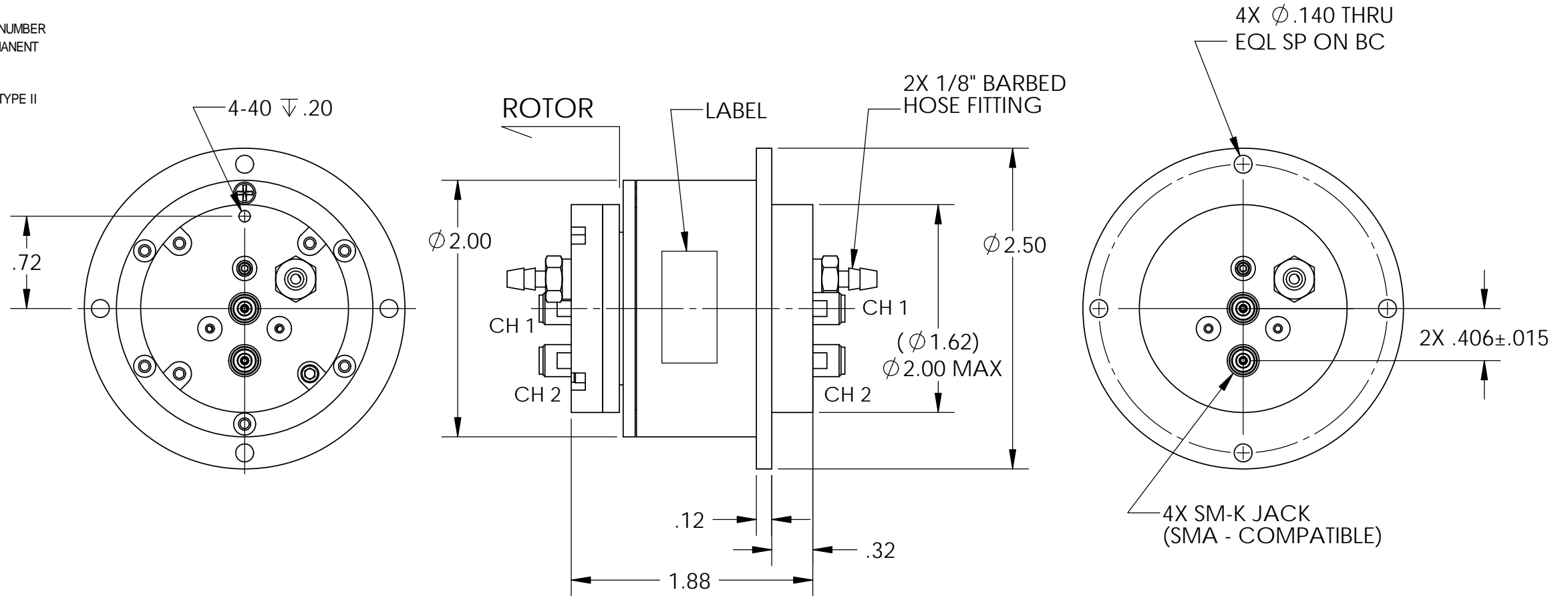
PRESSURIZATION: YES  
 ROTATIONAL SPEED: 10 RPM MAX, CW AND CCW  
 TORQUE (MAX): 100 IN-OZ  
 WEIGHT (MAX): 20 OZ

TEMPERATURE (OPERATING): -40C TO + 71C  
 TEMPERATURE (NON-OPER.): -40C TO + 71C  
 HUMIDITY: 100% CONDENSING  
 ALTITUDE (OPERATING): UP TO 15,000 FEET  
 ALTITUDE (NON-OPERATING): UP TO 60,000 FEET

MARKING: DIAMOND STANDARD LABEL PER MIL-STD-130  
 TO INCLUDE AS A MINIMUM: PART NUMBER & SERIAL NUMBER  
 MARK CHANNEL REFERENCE DESIGNATIONS IN PERMANENT  
 BLACK INK PER MIL-STD-130

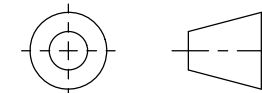
MATERIAL: ALUMINUM ALLOY 6061 PRIMARILY  
 FINISH: CHEM. CONV. COAT PER MIL-DTL-5541, CL 3, CLEAR, TYPE II

**ROHS COMPLIANT**



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THIRD ANGLE PROJECTION



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

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

**DIAMOND ANTENNA & MICROWAVE CORP**  
 LITTLETON, MA 01460

TITLE: **DUAL CHAN COAX ROTARY JOINT**

SIZE: <b>B</b>	CAGE CODE: <b>01882</b>	DRAWING NUMBER: <b>CAT 35-2240-0</b>
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SCALE: <b>1:1</b>	WEIGHT (EST.):	SHEET: <b>1 OF 1</b>
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