

**SPECIFICATIONS:**

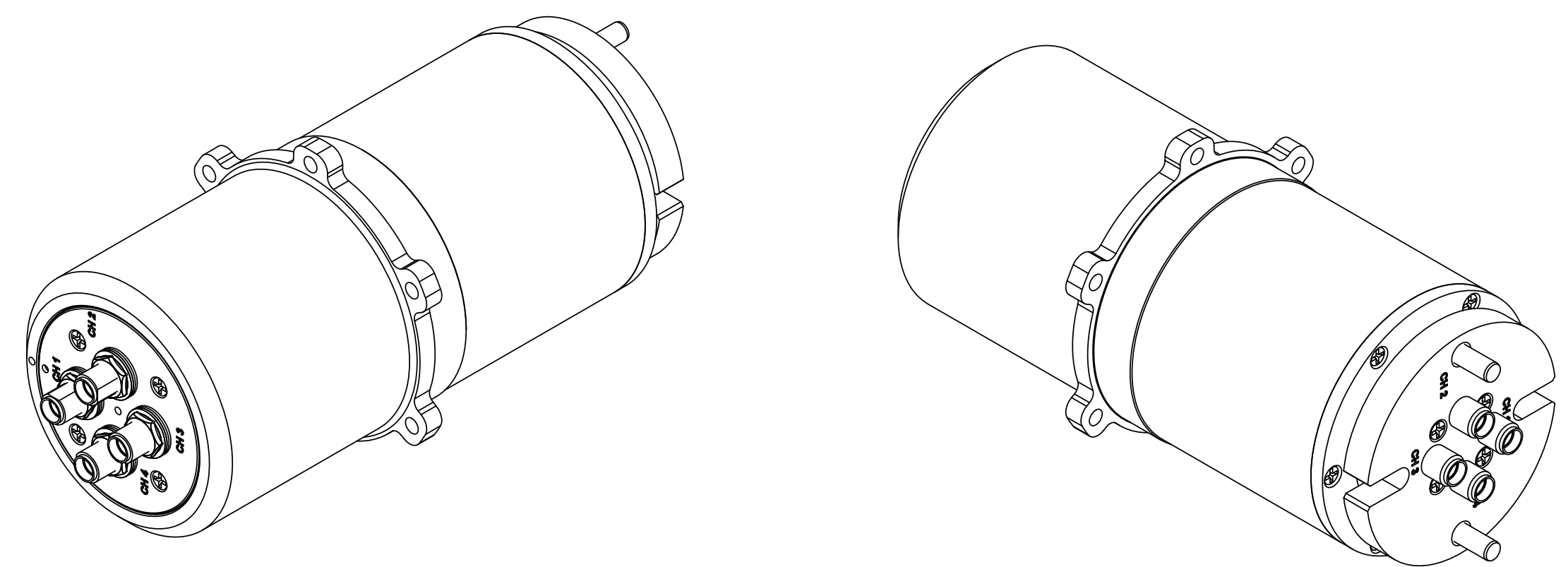
FREQUENCY, CH 1: 80-120 MHz  
 VSWR, MAX: 1.3:1  
 VSWR WOW, MAX: 0.1  
 INSERTION LOSS, dB MAX: 0.5  
 INSERTION LOSS WOW, dB MAX: 0.1  
 PHASE WOW, MAX: 2.0°

FREQUENCY, CH 2: 80-350 MHz  
 VSWR, MAX: 1.4:1  
 VSWR WOW, MAX: 0.1  
 INSERTION LOSS, dB MAX: 0.5  
 INSERTION LOSS WOW, dB MAX: 0.1  
 PHASE WOW, MAX: 2.0°

FREQUENCY, CH 3: 80 MHz - 1.8 GHz  
 VSWR, MAX: 1.85:1  
 VSWR WOW, MAX: 0.25  
 INSERTION LOSS, dB MAX: 1.0  
 INSERTION LOSS WOW, dB MAX: 0.2  
 PHASE WOW, MAX: 4.5°

FREQUENCY, CH 4: 100 MHz - 1.8 GHz  
 VSWR, MAX: 1.85:1  
 VSWR WOW, MAX: 0.25  
 INSERTION LOSS, dB MAX: 1.0  
 INSERTION LOSS WOW, dB MAX: 0.2  
 PHASE WOW, MAX: 4.5°

ISOLATION, dB MIN: 60 BETWEEN CHANNELS  
 INPUT POWER, MAX: 20 dBm (100 mW) ALL CHANNELS  
 TEMPERATURE, OPERATING: -45 °C TO +60 °C  
 TEMPERATURE, STORAGE: -55 °C TO +70 °C  
 ROTATIONAL SPEED, MAX: 10 RPM  
 ROTATIONAL RANGE: 360° CW & CCW  
 TORQUE, @ 20 °C, MAX: 15 IN OZS  
 LIFE, OPERATIONAL, MIN: 10,000,000 REVOLUTIONS  
 WEIGHT, MAX: 2.2 LBS (1.0 KG)  
 HUMIDITY: 95%RH @ +30 °C TO +60 °C



THIRD ANGLE PROJECTION		DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460	
DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED. SURF. FINISH 63. TOLERANCES ARE: FRACTIONS DECIMALS ANGLES 3/164 3 PLACES ±.010 ±.012		TITLE: 4 CHANNEL ROTARY JOINT	
SIZE: D	CAGE CODE: 01882	DRAWING NUMBER: CAT 10-2413-0	
SCALE: 2:1	WEIGHT (EST.):	SHEET 1 OF 1	