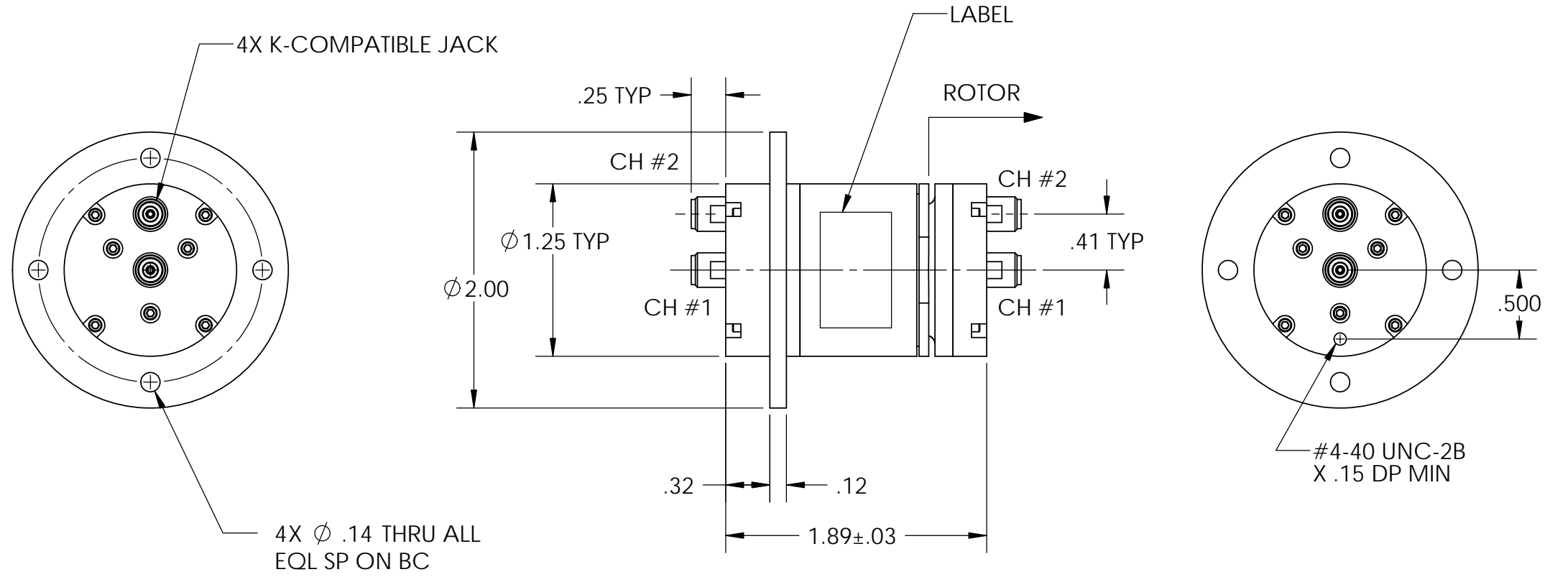


SPECIFICATIONS

	CHAN 1	CHAN 2
FREQUENCY (GHz):	DC - 18	DC - 18
VSWR (MAX):	1.35:1 (DC-8.0) 1.75:1 (8.0-18)	2.0:1 (DC-4.0) 3.0:1 (4.0-8.0) 3.5:1 (8.0-12) 4.5:1 (12-18)
VSWR WOW (MAX):	0.05	.1 (DC-4.0) .35 (4.0-8.0) .8 (8.0-12) 2.0 (12-18)
INSERTION LOSS (MAX):	.4 dB (DC-8.0) 1.0 dB (8.0-18)	.75 dB (DC-4.0) 1.5 dB (4.0-8.0) 2.5 dB (8.0-12) 3.0 dB (12-18)
INSERTION LOSS WOW (MAX):	.05 dB	0.1 dB (DC-4.0) .3 dB (4.0-8.0) .75 dB (8.0-12) 1.5 dB (12-18)
POWER (PK):	2 KW	2 KW
POWER, AVG (MIN @ 1 GHz):	50 W	50 W
ISOLATION (MIN):		-----50 dB-----
ROTATIONAL SPEED:	50 RPM NOM. 200 RPM MAX	
TORQUE (MAX):	15 OZ-IN	
LIFE (MIN):	8,334 HRS @ 50 RPM = 25,000,000 REV'S	
WEIGHT (NOM):	10 OZ	
MATERIAL:	ALUMINUM ALLOY	
FINISH:	IRIDITE PER MIL-DTL 5541F, CL 3	



THIRD ANGLE PROJECTION		<b>DIAMOND ANTENNA &amp; MICROWAVE CORP</b> LITTLETON, MA 01460	
		TITLE: <b>DUAL CHAN HIGH FREQ ROTARY JOINT</b>	
DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63 TOLERANCES ARE: FRACTIONS ±1/64    DECIMALS 2 PLACES ±.03    ANGLES ±1/2° 3 PLACES ±.010		SIZE: <b>B</b>	CAGE CODE: <b>01882</b>
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M		DRAWING NUMBER: <b>CAT 2240-0</b>	
SCALE	1:1	WEIGHT (EST.):	SHEET 1 OF 1