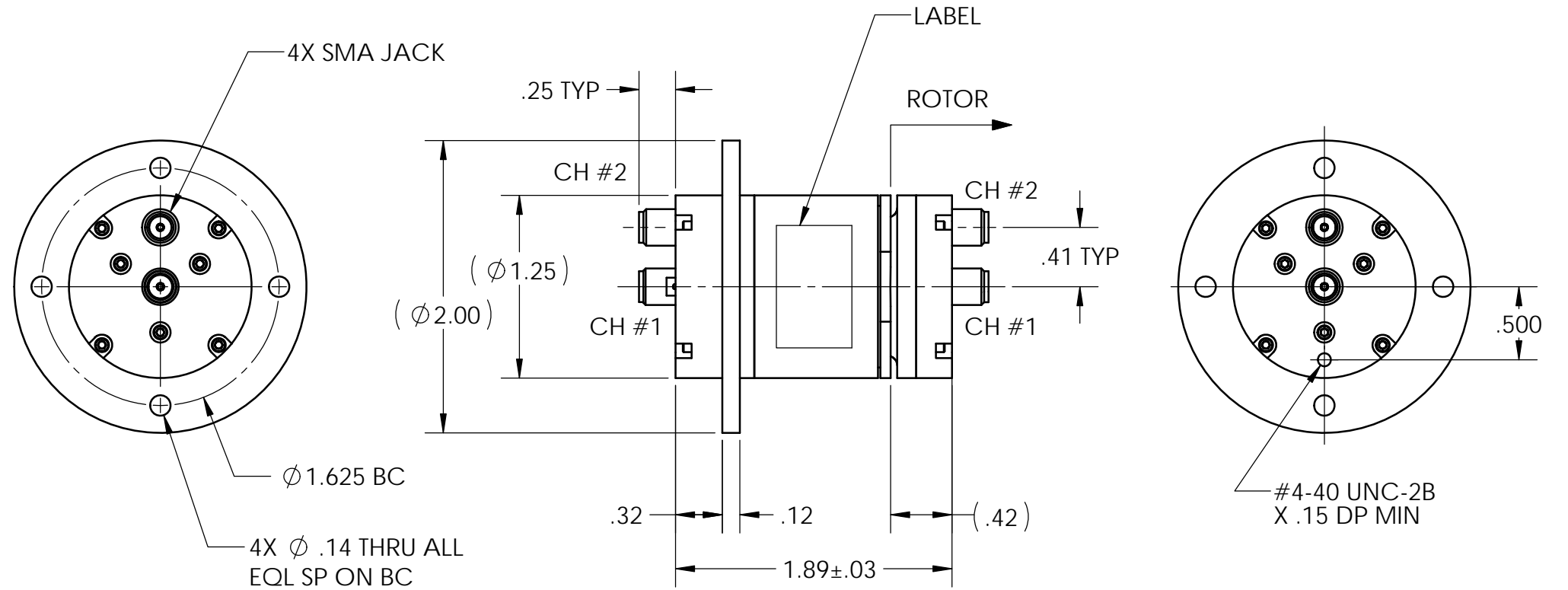
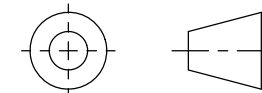


SPECIFICATIONS

	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:	CHROMATE CVRSN PER MIL-DTL 5541, CL 3	



THIRD ANGLE PROJECTION



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

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

TITLE:
DUAL CHAN SMA HIGH FREQ ROTARY JOINT

SIZE: B	CAGE CODE: 01882	DRAWING NUMBER: CAT 45-2240-0
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SCALE 1:1	WEIGHT (EST.):	SHEET 1 OF 1
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