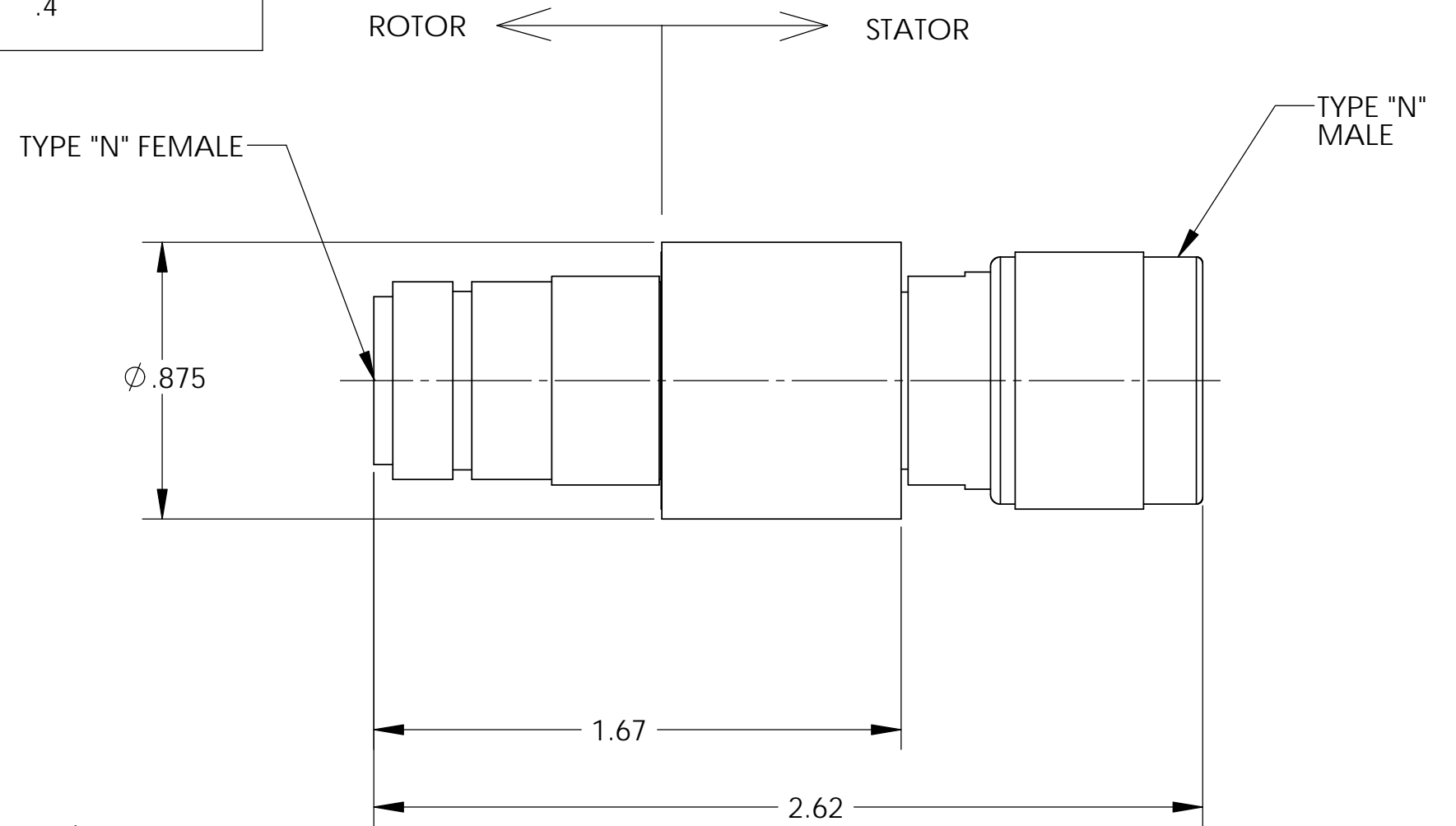


--TYPICAL DATA--

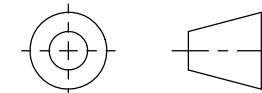
FREQUENCY:	DC-4.0 GHz	4.0 - 8.0 GHz	8.0 - 12.4 GHz	12.4 - 18.0 GHz
VSWR:	1.05:1	1.10:1	1.20:1	1.30:1
INSERTION LOSS:	.10dB	.15dB	.25dB	.30dB
PHASE WOW:	.05°	.1°	.2°	.4°

--DESIGN SPECIFICATIONS--

FREQUENCY:	DC-18.0 GHz
VSWR (MAX):	1.40:1
VSWR WOW (MAX):	.03
INSERTION LOSS (MAX):	.40dB
WOW (MAX):	.05dB
POWER, PEAK:	10 KW
POWER, AVERAGE:	1 KW @ 1 GHz
PHASE WOW (MAX):	1°
TORQUE (MAX):	8 OZ-IN
ROTATIONAL SPEED:	TO1000 RPM
LIFE:	25,000 HRS @ 50 RPM
MATERIAL:	STAINLESS STEEL
FINISH:	PASSIVATE (MUST BE ROHS COMPLIANT)
WEIGHT:	3.5 OZ



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: **COAXIAL ROTARY JOINT ASSY**

SIZE: <b>B</b>	CAGE CODE: <b>01882</b>	DRAWING NUMBER: <b>CAT 59-2120-0</b>
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SCALE: <b>2:1</b>	WEIGHT (EST.):	SHEET <b>1 OF 1</b>
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