



### SPECIFICATIONS

FREQUENCY: 1750-1850 & 2025-2120 MHz  
 VSWR: 1.5:1  
 VSWR WOW: .05 MAX/360°  
 INSERTION LOSS: 0.3 dB MAX  
 INSERTION LOSS WOW: .03 dB MAX/360°  
 POWER, AVERAGE: 1.5 kW CW

PRESSURE: 0.5 PSIG MAX  
 LEAK RATE: <20CC/MIN  
 TORQUE: 5 ft lbs MAX  
 ROTATIONAL SPEED: 50 RPM MAX  
 APPROX WEIGHT: 18 lbs  
 MATERIAL: ALUMINUM ALLOY  
 FINISH: CHROMATE CVRSN PER MIL-DTL-5541, CL 3 TYPE I  
 LABEL: DIAMOND STD LABEL TO INCLUDE  
 DIAMOND P/N AND S/N

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN INCHES.  
 REMOVE ALL BURRS AND  
 SHARP EDGES .005 MAX,  
 UNLESS OTHERWISE  
 SPECIFIED, SURF FINISH 63  
 TOLERANCES ARE:  
 FRACTIONS DECIMALS ANGLES  
 1/64 3 PLACES ±.010 1/12

INTERPRET DIMENSIONS &  
 TOLERANCES PER ASME Y14.5M

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

TITLE:  
**WR430 L-STYLE ROTARY JOINT**

SIZE: <b>C</b>	CAGE CODE: <b>01882</b>	DRAWING NUMBER: <b>CAT 25-346-0</b>
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SCALE 1:2	WEIGHT (EST.):	SHEET 1 OF 1
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