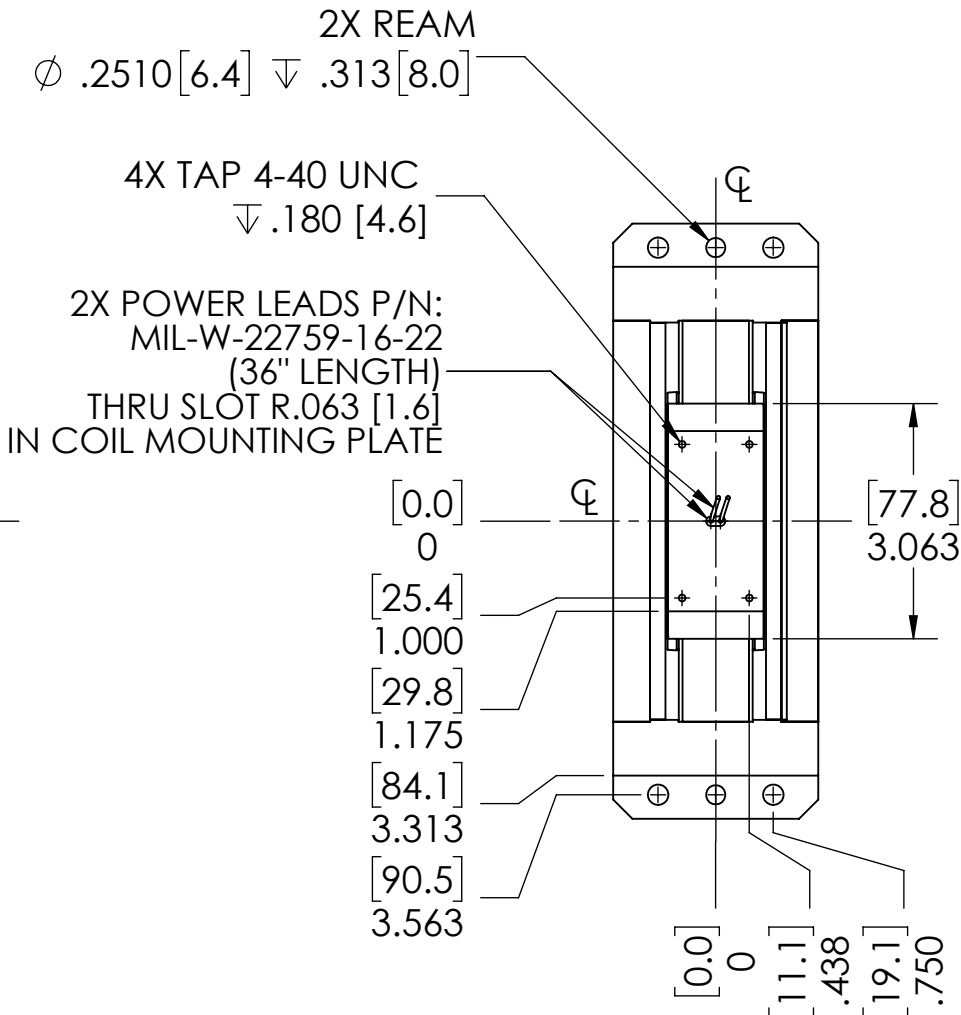
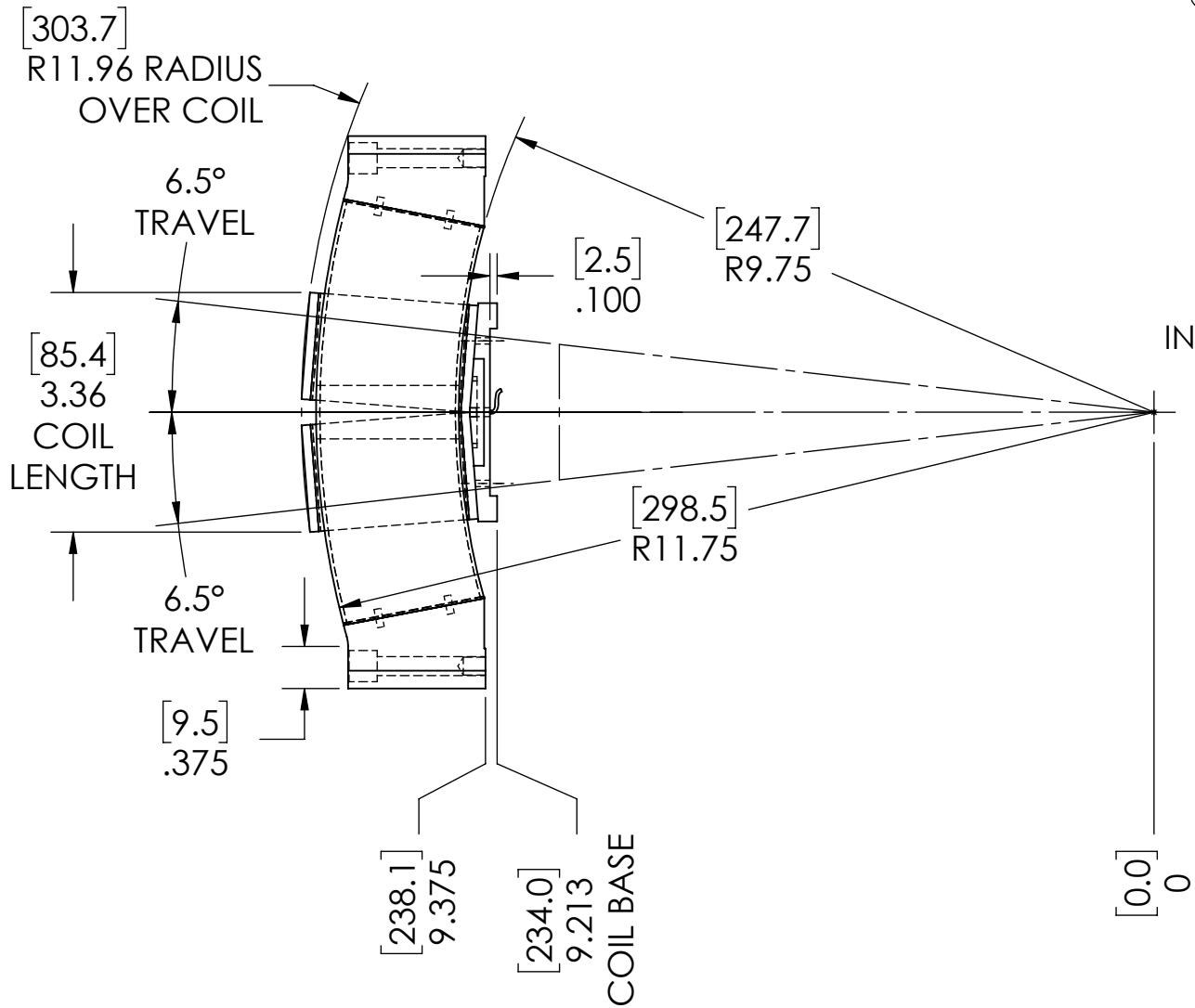
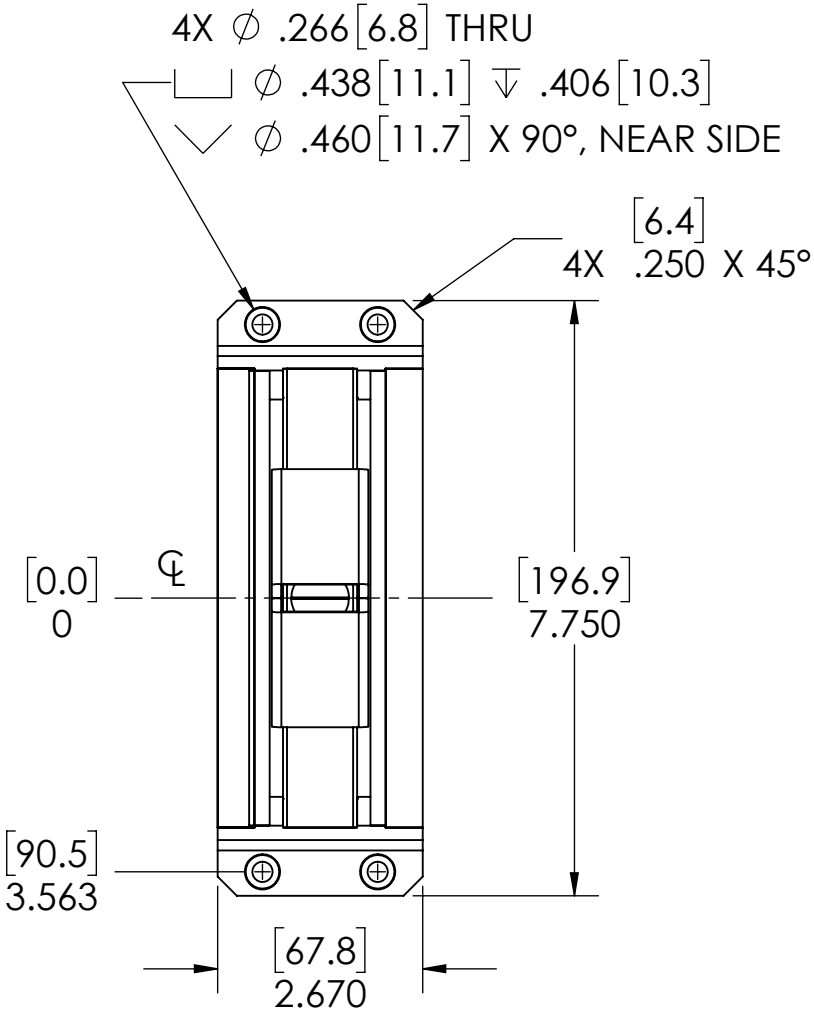


REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	SDC	MPW	10-4-17



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UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX ±.005 ANGLES ±.1°
.XX ±.010 FILLETS .010
.X ±.020 CORNERS .010
Remove All Burrs and Sharp Edges

**FOR
REFERENCE
ONLY**

MATERIAL

FINISH

TITLE

Rotary Voice Coil Actuator Model #:
TWR-013-2270-2RC

DWG #

80-0392

REV

DATE

10-4-17

SHEET

1 of 2

1

2

3

4

5

A

B

C

D

ROTARY VOICE COIL ACTUATOR SPECIFICATIONS		
Motor P/N	TWR-013-2270-2RC	
Stroke	13 degrees	0.23 radians
Housed with Bearings	No	
Coil Mass	11.3 oz	320 grams
Total Mass	168 oz	4750 grams
Resistance @ 20°C	7.2 Ω	
Motor Constant	282 in-oz/sqrt(watt)	199 N-cm/sqrt(watt)
Torque Constant	757 in-oz/amp	534 N-cm/amp
Torque @ 100% Duty	2270 in-oz	1603 N-cm
Torque @ 10% Duty	6810 in-oz	4809 N-cm
Power @ 100% Duty	65 watts	
Power @ 10% Duty	195 watts	
Current @ 100% Duty	3.0 amps	
Current @ 10% Duty	9.0 amps	

A

B

C

D

