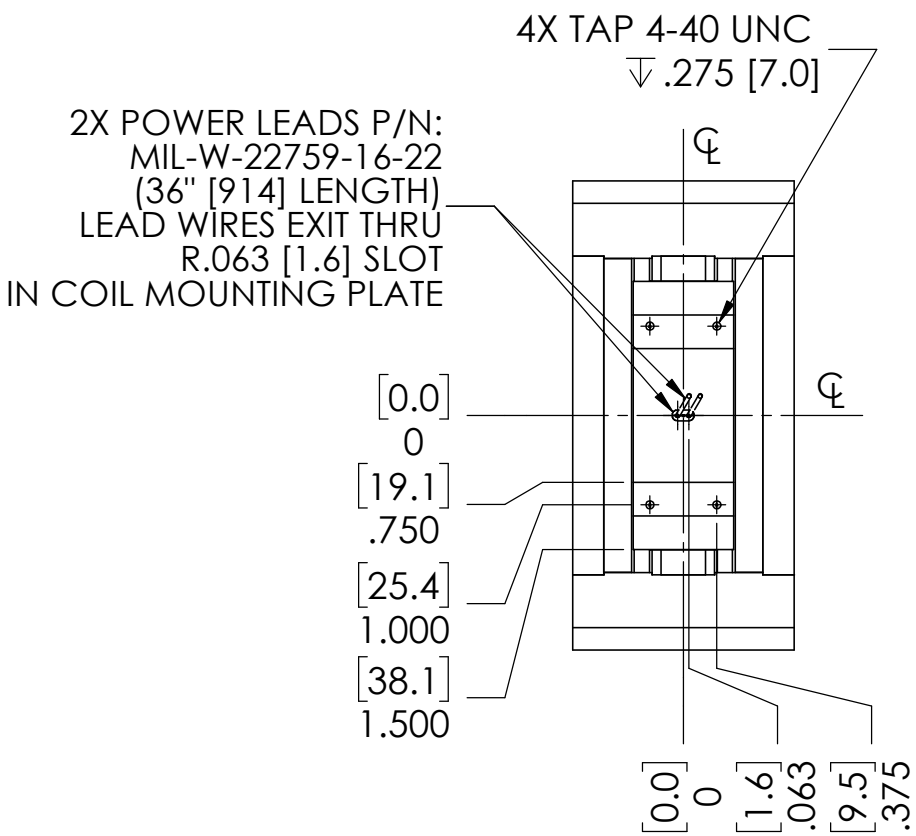
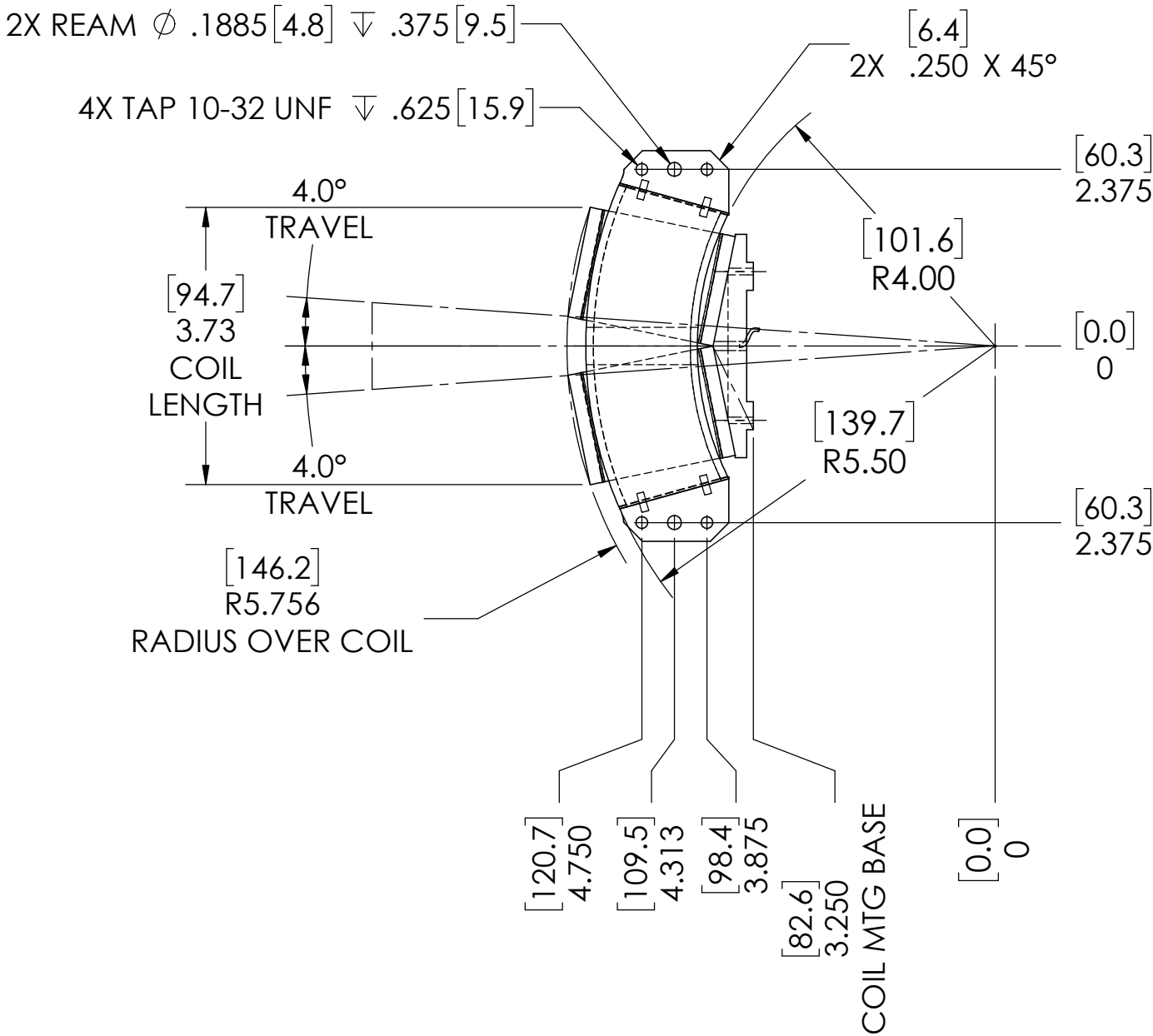
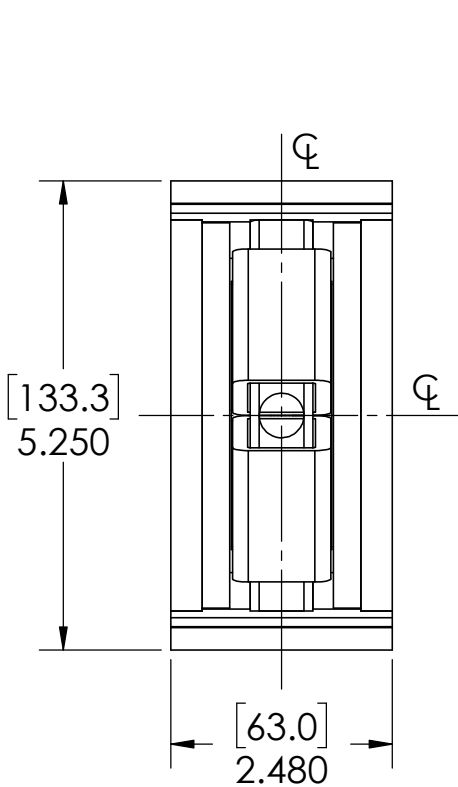
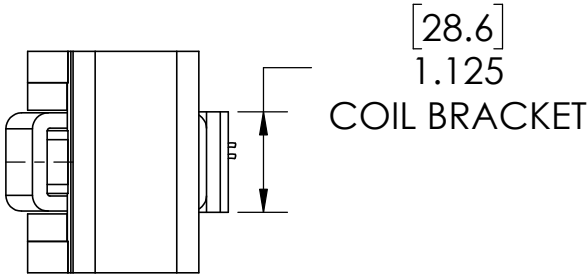


| REVISION TABLE |      |                  |        |          |         |
|----------------|------|------------------|--------|----------|---------|
| REV            | ECN# | DESCRIPTION      | REV BY | APPROVED | DATE    |
| ---            | ---  | Original Drawing | SDC    | MPW      | 10-5-17 |



1

2

3

4

5

A

B

C

D

A

B

C

D

| ROTARY VOICE COIL ACTUATOR SPECIFICATIONS |                  |                 |
|-------------------------------------------|------------------|-----------------|
| Motor P/N                                 | TWR-0008-800-2RC |                 |
| Stroke                                    | 8 degrees        | 0.14 radians    |
| Housed with Bearings                      | No               |                 |
| Coil Mass*                                | 4.8 oz           | 136 grams       |
| Total Mass                                | 76.8 oz          | 2177 grams      |
| Resistance @ 20°C*                        | 8.3 Ω            |                 |
| Motor Constant                            | in-oz/sqrt(watt) | N-cm/sqrt(watt) |
| Torque Constant                           | in-oz/amp        | N-cm/amp        |
| Torque @ 100% Duty                        | 800 in-oz        | 565 N-cm        |
| Torque @ 10% Duty                         | 2400 in-oz       | 1695 N-cm       |
| Power @ 100% Duty**                       | 50 watts         |                 |
| Power @ 10% Duty**                        | 150 watts        |                 |
| Current @ 100% Duty                       | 2.45 amps        |                 |
| Current @ 10% Duty                        | 7.35 amps        |                 |

\* VALUE MEASURED PER SINGLE COIL

\*\* VALUE MEASURED INCLUDES BOTH COILS

