

1

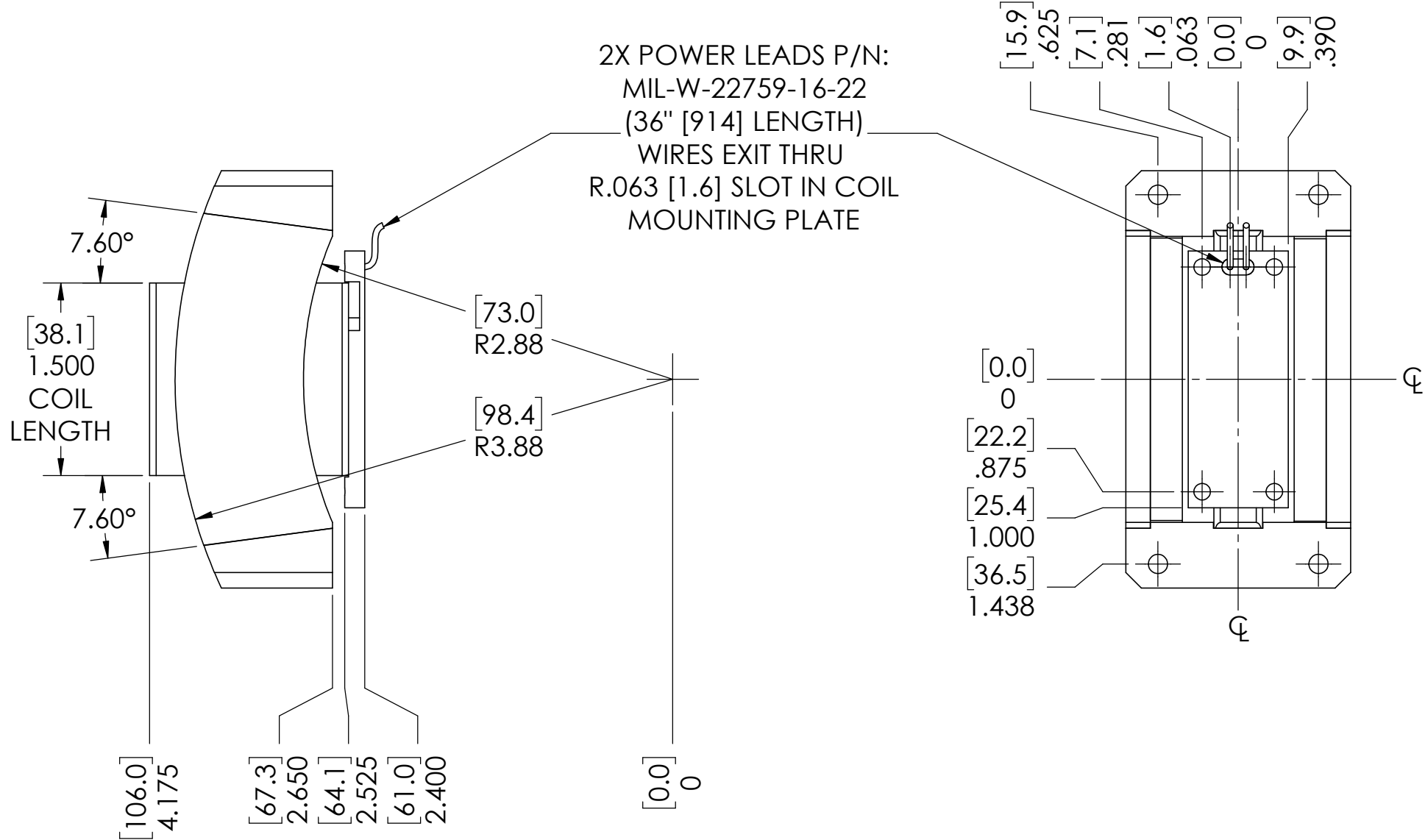
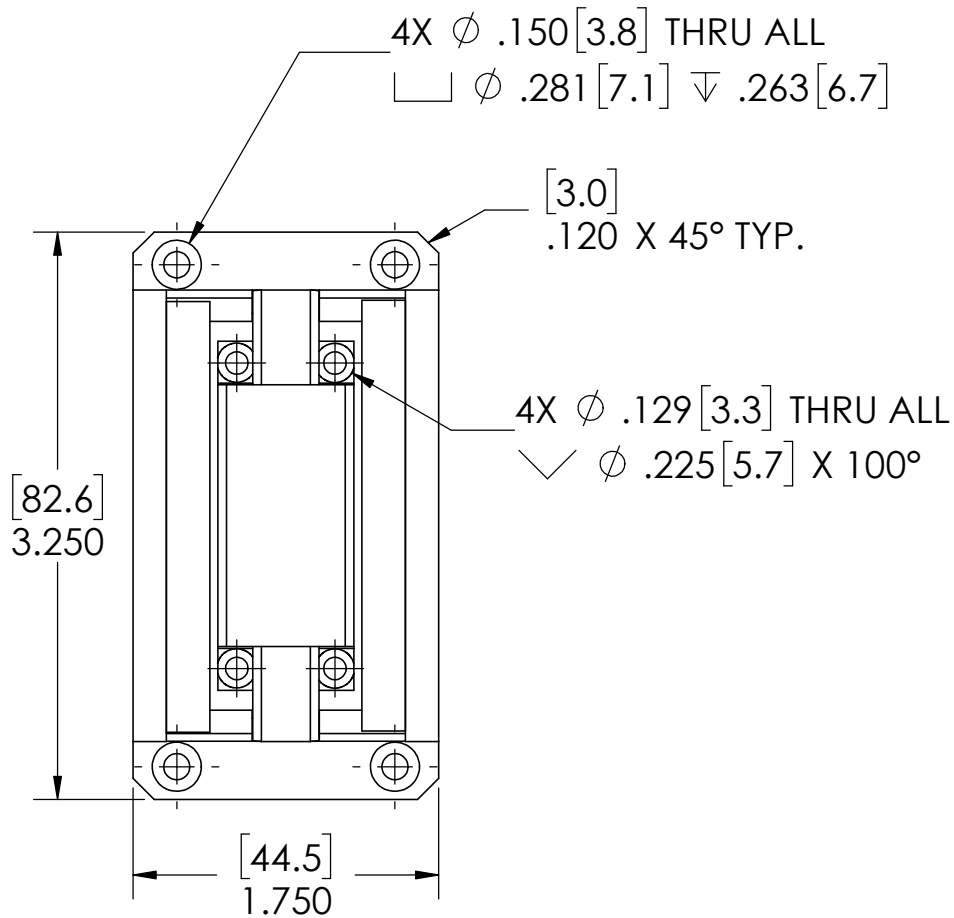
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REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	SDC	MPW	10-6-17



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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-015-180-1RC

DWG #

80-0318

REV

DATE

10-6-17

SHEET

1 of 2

ROTARY VOICE COIL ACTUATOR SPECIFICATIONS		
Motor P/N	TWR-015-180-1RC	
Stroke	15.2 degrees	0.27 radians
Housed with Bearings	No	
Coil Mass	3.2 oz	90.7 grams
Total Mass	22.6 oz	641 grams
Resistance @ 20°C	21.4 Ω	
Motor Constant	40.2 in-oz/sqrt(watt)	N-cm/sqrt(watt)
Torque Constant	in-oz/amp	N-cm/amp
Torque @ 100% Duty	180 in-oz	127 N-cm
Torque @ 10% Duty	540 in-oz	381 N-cm
Power @ 100% Duty	20 watts	
Power @ 10% Duty	60 watts	
Current @ 100% Duty	amps	
Current @ 10% Duty	amps	

