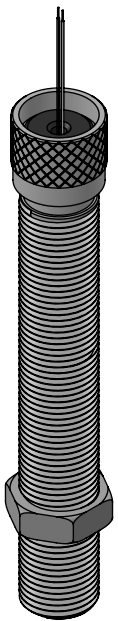
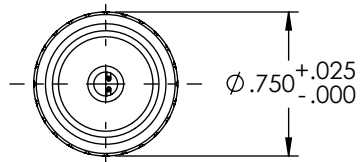
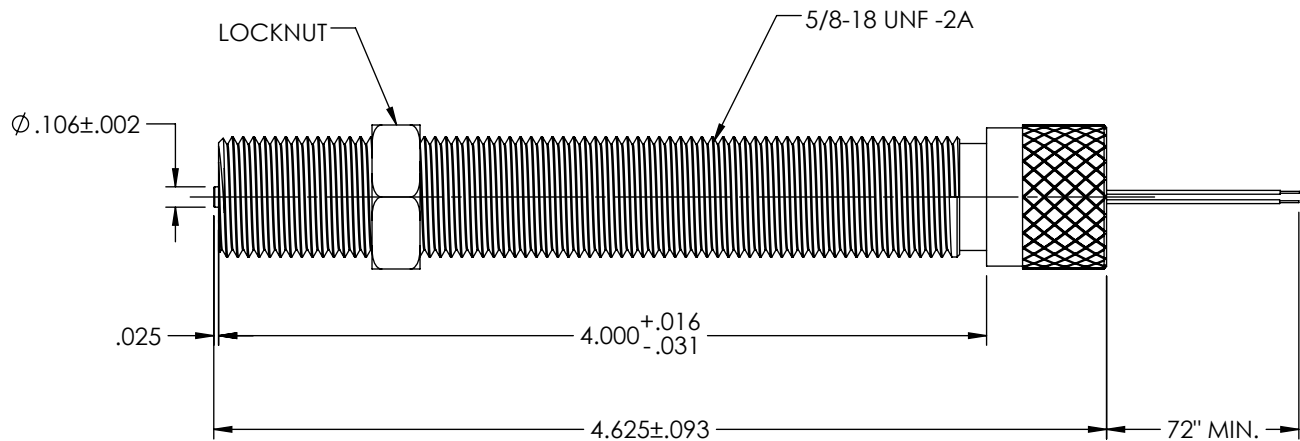


| REV | ECN | REVISION RECORD                | DATE       | DR | CK  |
|-----|-----|--------------------------------|------------|----|-----|
| -   | -   | -                              | -          | MM | LOC |
| A   | -   | REDRAW IN SW & ASSIGNED REV. A | 05/30/2019 | SS | PV  |
|     |     |                                |            |    |     |
|     |     |                                |            |    |     |



| TEMPERATURE RANGE | OUTPUT VOLTAGE PEAK TO PEAK | DC RESISTANCE OHMS | INDUCTANCE MILLIHENRYS | OUTPUT LEADS            | INSULATION RESISTANCE                       | NET WEIGHT   |
|-------------------|-----------------------------|--------------------|------------------------|-------------------------|---------------------------------------------|--------------|
| -65°F TO +225°F   | 40 - 65 VOLTS (SEE NOTE 1)  | 80 - 110 AT 75°F   | 30 NOM. AT 1 KHZ       | AWG NO. 22 (SEE NOTE 2) | 100 MEGOHM MIN. AT 500 VDC, COIL TO HOUSING | 3.5 OZ. AVG. |

#### NOTES:

- TESTED AT 1000 INCHES/SECOND WITH A 20 PITCH, 20 TOOTH GEAR, 0.005" CLEARANCE AND 100K OHM LOAD SHUNTED BY 250 PF.
- WITH APPROACH OF FERROUS METAL, WHITE LEAD IS POSITIVE WITH RESPECT TO BLACK LEAD.

#### CONSTRUCTION:

HOUSING ----- 303 STAINLESS STEEL  
 POLE PIECE ---- 416 STAINLESS STEEL  
 POTTING ----- EPOXY RESIN

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|                                                                                                                                               |                                           |                          |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------|--------------|
| UNLESS OTHERWISE SPECIFIED                                                                                                                    |                                           | THIRD ANGLE PROJECTION   |              |
| DIMENSIONS ARE IN INCHES<br>DIMENSIONAL TOLERANCES:<br>FRACTIONAL $\pm 1/64$<br>ANGULAR: $\pm 1/2^\circ$<br>XX $\pm 0.010$<br>XXX $\pm 0.005$ |                                           | <b>DYNALCO®</b>          |              |
| DATE: 01/14/1982                                                                                                                              | MODEL: M193                               | DRAWN M.MEZA             |              |
| MATERIAL: -                                                                                                                                   | PATH: N:\PROD\PICKUPS\M193                | APPROVED LOC             |              |
| FINISH: -                                                                                                                                     | TITLE: <b>MAGNETIC PICKUP, MODEL M193</b> |                          |              |
| DO NOT SCALE DRAWING                                                                                                                          | SIZE <b>A</b>                             | DWG. NO. <b>800-0193</b> | REV <b>A</b> |
|                                                                                                                                               | SCALE 1:1                                 | WEIGHT -                 | SHEET 1 OF 1 |