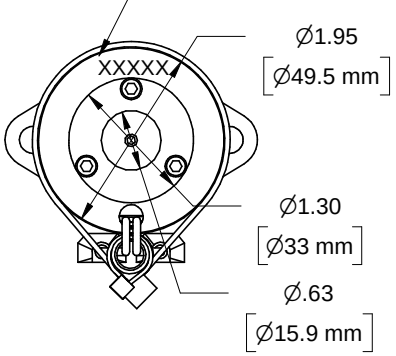
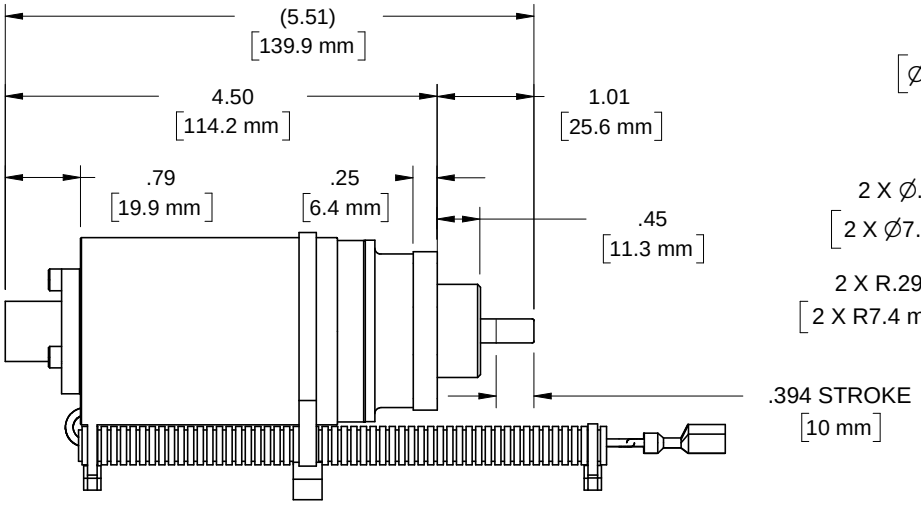
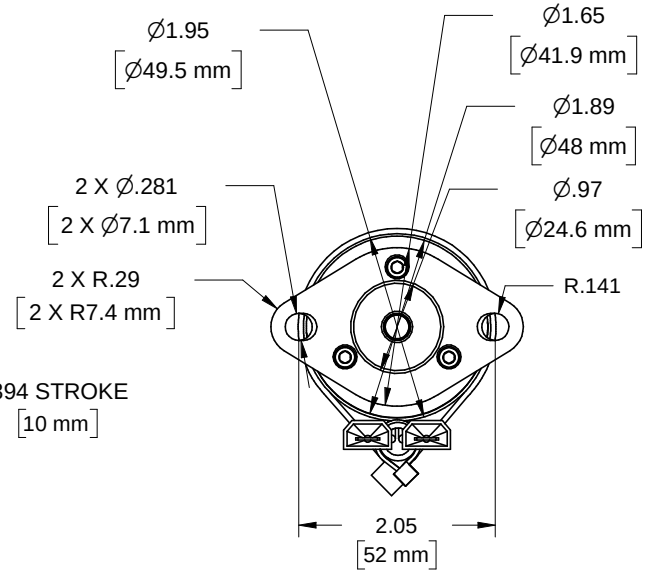



**NOTES:**

9481 - 12 12 VOLT SPECIFICATIONS
COIL DATA:
12V
3.6 OHMS ± 5%
NO POLARITY REQUIRED
LEAD WIRE:
19/32 STRANDED TINNED COPPER
UL STYLE 3239
200_C
TEFLON INSULATED

LEAD WIRES:
10.5 INCHES MIN.
BLACK IN COLOR
COVERED IN SPLIT LOOM
WIRE TIE AS SHOWN

MAXIMUM VOLTAGE REQUIRED TO OBTAIN FULL STROKE:
9.75V AT AMBIENTTEMPERATURE

9481 - 24 24 VOLT SPECIFICATIONS
COIL DATA:
24V
10.2 OHMS ± 5%
NO POLARITY REQUIRED
LEAD WIRE:
19/32 STRANDED TINNED COPPER
UL STYLE 3239
200˚C
TEFLON INSULATED

LEAD WIRES:
10.5 INCHES MIN.
WHITE IN COLOR
COVERED IN SPLIT LOOM
WIRE TIE AS SHOWN

MAXIMUM VOLTAGE REQUIRED TO OBTAIN FULL STROKE:
19.5V AT AMBIENTTEMPERATURE

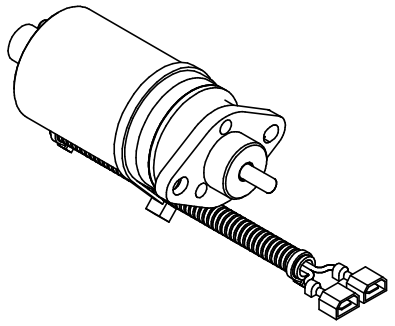
STROKE:
.394 INCH ± 10%

AXIAL FORCE:
1.45 LBS. (` 30%) @ 0.01" DEFLECTION
6.21 LBS. (` 10%) @ 0.35" DEFLECTION

TERMINALS:
AMP P/N 2-520102-2 (OTHER TERMINALS POSSIBLE)
MATE TERMINALS:
P/N 2-520184-2 OR 3-350820-2
OTHER TERMINALS POSSIBLE

SERIAL NUMBER:
ETCHED INTO HOUSING OPPOSITE LEAD WIRES

PRODUCT LABEL:
PGLLC PART NUMBER (9481 -12 OR 9481 - 24)
CUSTOMER PART NUMBER IF REQUIRED
DATE CODE



| REV | DATE | DESCRIPTION | BY | APRVD | ECN# |
|---|---|---|---|---|---|
| A | 08/09/2010 | NEW RELEASE | GK | JP | 823 |

REVISIONS

| TOLERANCES (UNLESS OTHERWISE SPECIFIED) | | | |
|---|---|---|---|
| .X | ± .02 | ALL DIMENSIONS IN INCHES | |
| .XX | ± .01 | THREAD TOL. | CLASS 2 - CHAMFER FIRST THREAD 45˚ |
| .XXX | ± .005 | | |
| .XXXX | ± .0005 | REMOVE ALL SHARP EDGES & BURRS | .010 MAX |
| ⌖ | .0025 MAX | | |
| ⊥ | .010 MAX | FINISH | 64 (OR BETTER) |
| FRAC. | ± 1/32 | THIRD ANGLE PROJECTION | |
| DEG. | ± 1/2˚ (30') | | |

Precision Governors, LLC
2322 Seventh Avenue, Rockford, IL 61104
phone 815.229.5300 • fax: 815.229.5342
www.precisiongovernors.com
ISO 9001 Certified

| PART DESCRIPTION | | |
|---|---|---|
| ACTUATOR, SZ KUBOTA 05 SERIES | | |
| SIZE | DRAWN BY | PART NUMBER |
| A | G. KUCZENSKI | 9481 |
| SCALE | DATE | MATERIAL SPECIFICATION |
| 1:1 | 08/09/2010 | -12, 12 VOLT<br>-24, 24 VOLT |