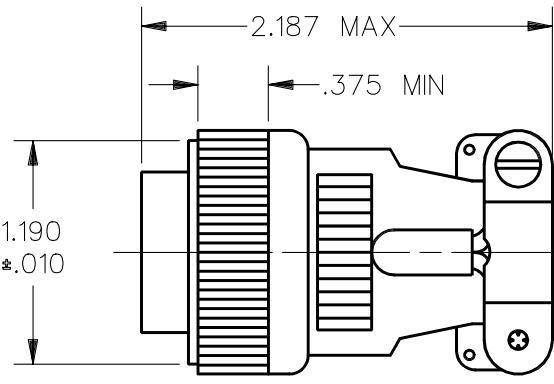
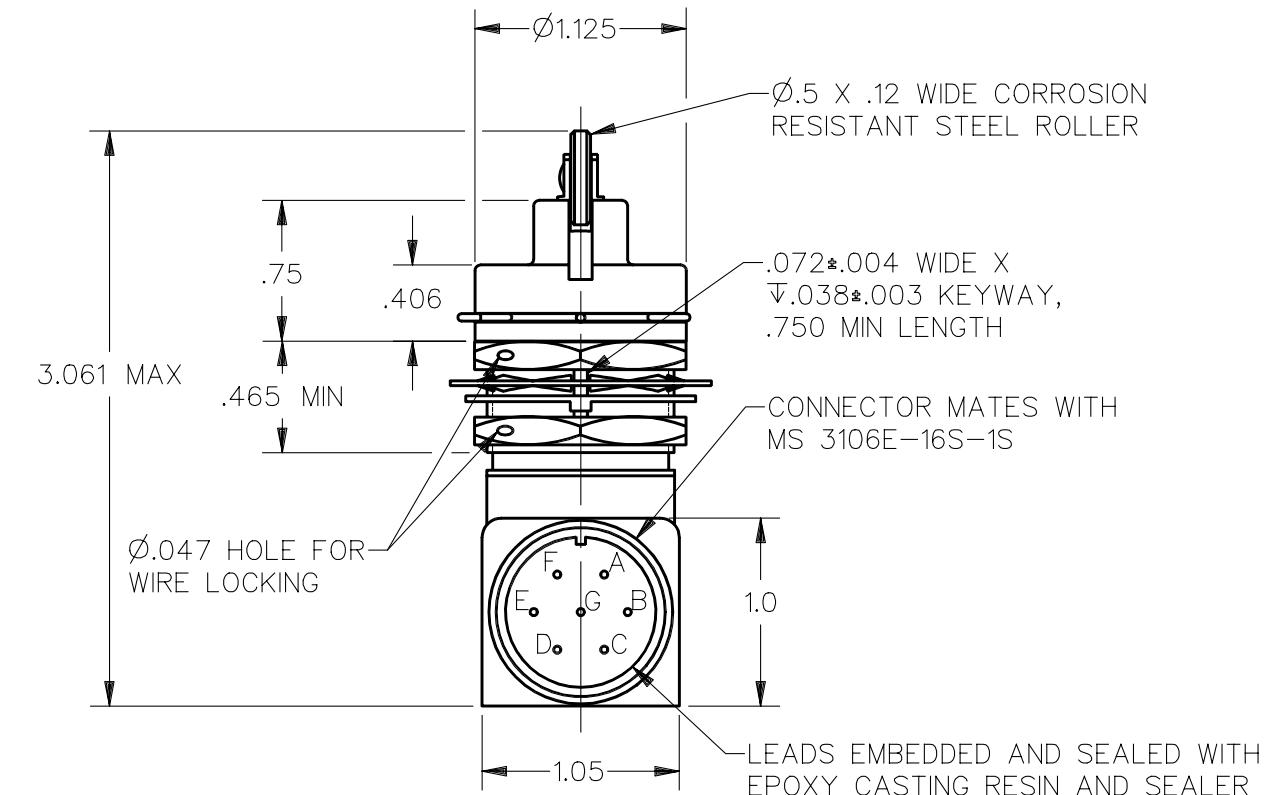
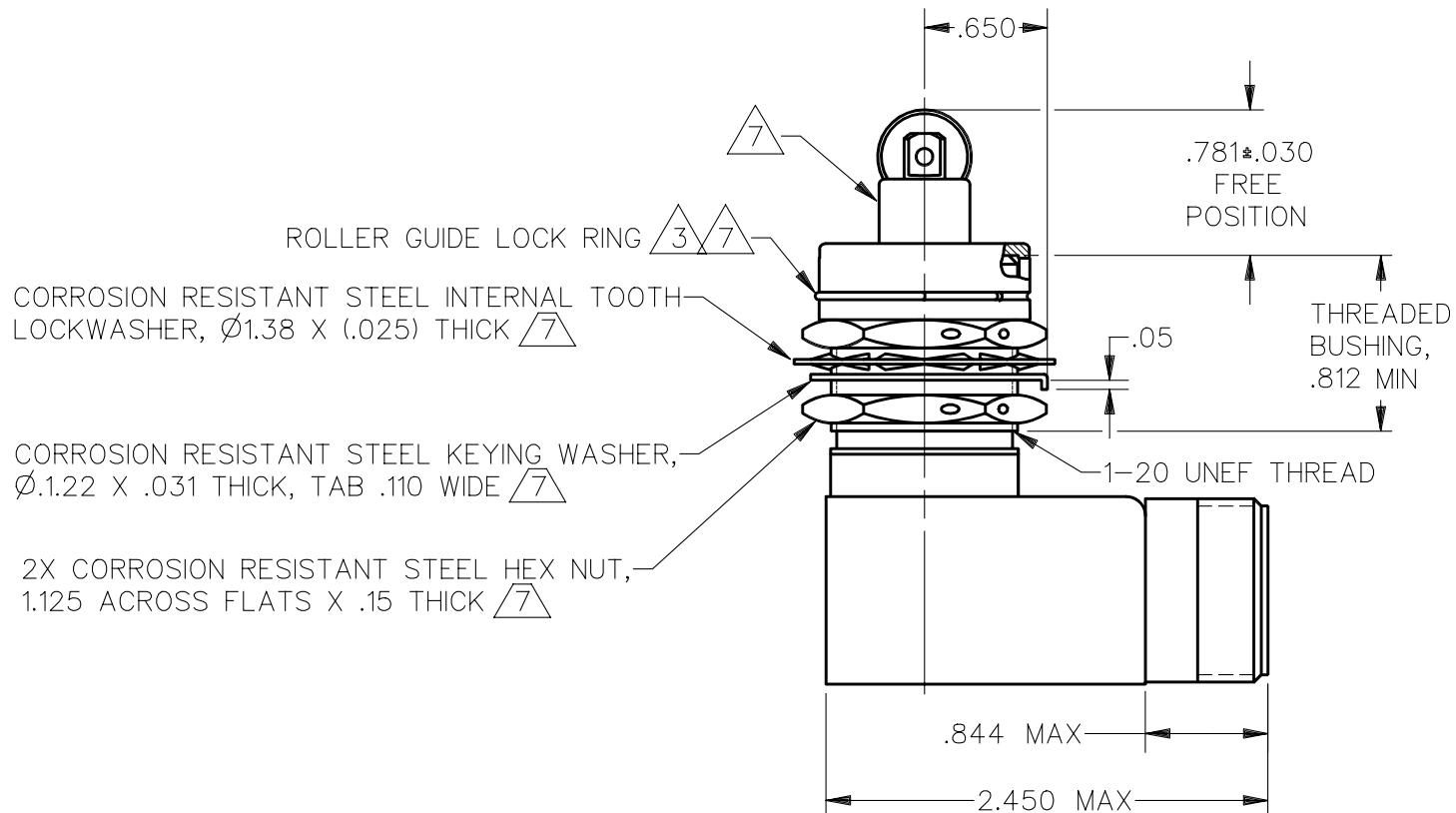


CIRCUIT DIAGRAM



MATING CONNECTOR
MS 3106E-16S-1S **5**



THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH

THIRD ANGLE PROJECTION
SCALE FULL

DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE (.0) ±.030
TWO PLACE (.00) ±.015
THREE PLACE (.000) ±.005
ANGLES ±

CHARACTERISTICS		ELECTRICAL DATA	
OPERATING FORCE ————— 6 - 12 LB		CONTACT ARRANGEMENT 2X S P D T	
FULL OVERTRAVEL FORCE —— 30 LB MAX		LOAD 28 VDC 8	
RELEASE FORCE ————— 4 LB MIN		SEA LEVEL 50,000 FT	
PRETRAVEL ————— .040 MAX		RES 1 AMP 1 AMP	
DIFFERENTIAL TRAVEL —— .020 MAX		IND 0.5 AMP 0.5 AMP	
OVERTRAVEL ————— .250 MIN		WEIGHT 8 OZ MAX	

DDM/CAD
DRAWN
J A K 2 MAR 98

ANSI Y14.5M-1982 APPLIES

NOTES

- ENCLOSURE FINISHED WITH GREEN EPOXY BASED ENAMEL COLOR NO. 34151 PER FEDERAL STANDARD 595
- SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- TO ADJUST ROLLER DIRECTION REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
- CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE
- FURNISHED UNASSEMBLED WITH EACH UNIT
- COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805
- BASIC SWITCHES HAVE GOLD CONTACTS